

FINDING SHAPES

DIRECTIONS: Circle any shape that exactly matches one of the overlapping shapes in the figure on the left.

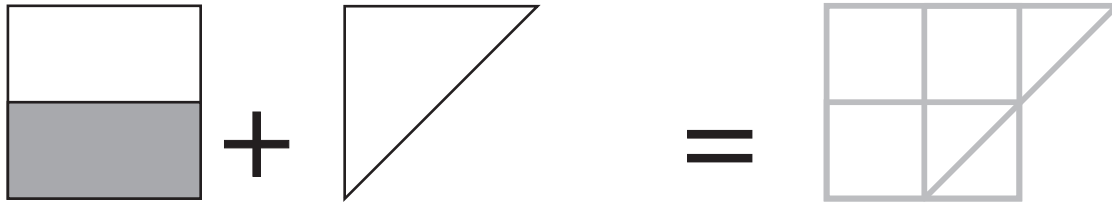
B-49

B-50

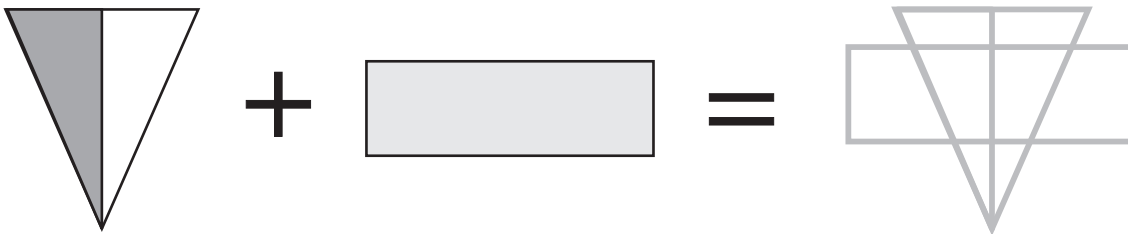
STACKING SHAPES—SUPPLY

DIRECTIONS: Shade in the shapes to show how each pair of shapes will look after they are stacked according to the directions.

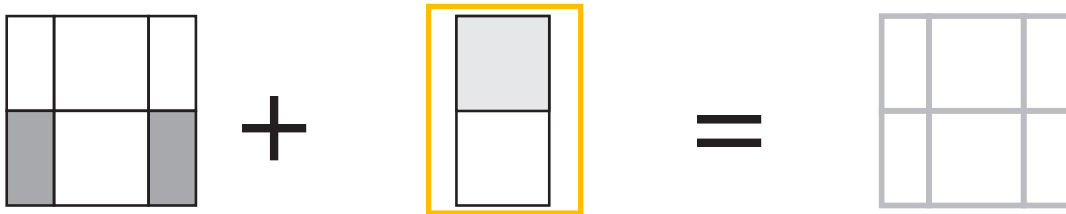
C-56 Put the square on the triangle.



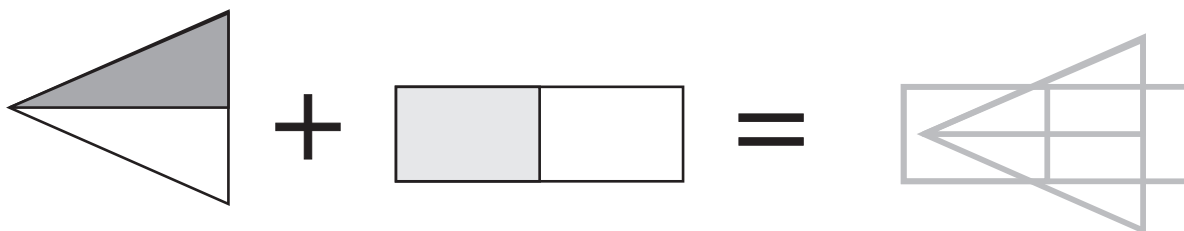
C-57 Put the rectangle on the triangle.



C-58 Put the rectangle on the square.



C-59 Put the triangle on the rectangle.



COMMON SEQUENCES

DIRECTIONS: Many things you do must be done in order. List the phrases in the order they should occur.

H-131 Steps in Planning a Candy Sale

- Buy the materials to make candy
- Cook the candy
- Decide on the type of candy you will make
- Find a recipe for the candy
- Package the candy
- Sell the candy

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

H-132 Steps in Adopting a Dog

- Ask your parents if you can have a dog
- Go to the animal shelter with your family
- Pay for the license and adoption fee
- Pick out the dog
- Take the dog home
- Talk with your family about the kind of dog that is best for the family

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

DEDUCTIVE REASONING

H-147

In science class, students learn the eating habits of several types of animals. Some animals eat meat and others eat plants. Some animals eat both plants and animals. Some animals eat plankton. For her science project, Marisa picked four animals of different sizes and studied their eating habits. From the clues below, match the eating habits with the sizes of the four animals. The animal sizes can be described as small, medium, large, and very large.

- a. The large animal is neither a meat eater nor a plankton eater.
- b. The medium-sized animal is larger than the plankton eater.
- c. The meat eater is larger than the plant eater.
- d. The plant eater is larger than the meat & plant eater.

	Meat	Plant	Meat & Plant	Plankton
Small				
Medium				
Large				
Very Large				

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING SHAPES

DESCRIBING SHAPES—SELECT

DIRECTIONS: Look at each shape. Read the words in the choice box. Complete each sentence with the correct words from the choice box.

CHOICE BOX: narrow, short, tall, wide

EXAMPLE: This shape is short and wide.

A-1 This parallelogram is tall and wide.

A-2 This parallelogram is tall and narrow.

A-3 This trapezoid is short and wide.

A-4 This trapezoid is tall and wide.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING SHAPES

DESCRIBING SHAPES—SELECT

DIRECTIONS: Look at each shape. Read the words in the choice box. Complete each sentence with the correct words from the choice box.

CHOICE BOX: no, one, two, three, four, five, six

EXAMPLE: This parallelogram has four sides and four angles.

A-5 This quadrilateral has four sides and four angles.

A-6 This triangle has three sides and three angles.

A-7 This pentagon has five sides and five angles.

A-8 This hexagon has six sides and six angles.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING SHAPES

DESCRIBING SHAPES—SELECT

DIRECTIONS: Look at each shape. Read the words in the choice box. Complete each sentence with the correct words from the choice box.

CHOICE BOX: all, none, one, two, three, four, five, six

EXAMPLE: This triangle has three sides and three angles. One of the angles is square.

A-9 This rectangle has four sides and four angles. All OR Four of the angles are square.

A-10 This square has four sides and four angles. All OR Four of the angles are square.

A-11 This irregular pentagon has five sides and five angles. Two of the angles are square.

A-12 This hexagon has six sides and six angles. None of the angles are square.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING SHAPES

DESCRIBING SHAPES—SELECT

DIRECTIONS: Look at each shape. Read the words in the choice box. Complete each sentence with the correct words from the choice box.

CHOICE BOX: all, none, one, two, three, four, five, six, hexagon, pentagon, quadrilateral, rectangle, square, trapezoid, triangle

A-13 This triangle has three sides and all OR three are the same length.

A-14 This square has four sides and all OR four are the same length.

A-15 This triangle has three sides and two are the same length.

A-16 This trapezoid has four sides and two are the same length.

A-17 This rectangle has four sides and two OR two pair are the same length.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING SHAPES

DESCRIBING SHAPES—SELECT

DIRECTIONS: Look at each shape. Read the words in the choice box. Complete each sentence with the correct words from the choice box. Use the most specific name for each shape.

CHOICE BOX: all, none, two, three, four, five, six, hexagon, parallelogram, pentagon, quadrilateral, rectangle, square, triangle

A-18 This triangle has three sides and none are the same length.

A-19 This pentagon has five sides and two pairs are the same length.

A-20 This quadrilateral has four sides and none are the same length.

A-21 This parallelogram has four sides and two pairs are the same length.

A-22 This hexagon has six sides and all OR six are the same length.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING SHAPES

DESCRIBING SHAPES—EXPLAIN

DIRECTIONS: In each description box, describe the shape in the picture at the left. Use complete sentences in your descriptions.

EXAMPLE

DESCRIPTION
 This rectangle has four square corners. The rectangle is three inches high and two inches wide. Two sides are three inches long and the other two sides (top and bottom) are two inches long.

A-23

DESCRIPTION
 This triangle has three sides and three angles. It has one square corner. The triangle is 3 inches tall (high) and 2 inches wide (across).

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING SHAPES

DESCRIBING SHAPES—EXPLAIN

DIRECTIONS: In each description box, describe the shape in the picture at the left. Use complete sentences in your descriptions.

A-24 DESCRIPTION
 This trapezoid has four sides and four angles. Two of its sides are equal. It has no square corners. The trapezoid is two inches tall (high), has a four-inch lower base and a two-inch upper base.

A-25

DESCRIPTION
 This pentagon has five sides and five angles. It has two square corners and two pairs of equal sides. The pentagon is three inches tall (high) and two inches wide (across). Three of its sides are two inches long.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING SHAPES

DESCRIBING POSITION—SELECT

DIRECTIONS: Write the words from the choice box that correctly complete the sentences. Draw a figure as directed.

CHOICE BOX
 above, below, center, circle, left, right, square, triangle

A-26
 The square is above the circle. The circle is below the square. Draw a triangle below the circle.

A-27
 The triangle is above the square. The circle is on the left side of the square. Draw a black triangle to the right of the square.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING SHAPES

DESCRIBING POSITION—SELECT

DIRECTIONS: Write the words from the choice box that correctly complete the sentences. Draw a figure as directed.

CHOICE BOX
 above, below, center, circle, left, right, square, triangle

A-28
 The triangle is below the circle and to the right of the square. Draw a black circle near the lower left corner. The black circle will be below the square.

A-29
 The triangle is near the upper left corner. The circle is in the center. Draw a black square directly below the circle. The black square will be to the left of the gray square.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

MATCHING SHAPES

DIRECTIONS: Circle the shapes that match the one on the left. The matching shapes must face the same direction as the shape on the left.

EXAMPLE a. b. c. d. e.

B-15 a. b. c. d. e.

B-16 a. b. c. d. e.

B-17 a. b. c. d. e.

B-18 a. b. c. d. e.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 21

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

MATCHING SHAPES

DIRECTIONS: Circle the shapes that match the one on the left. The matching shapes must face the same direction as the shape in the box.

B-19 a. b. c. d. e.

B-20 a. b. c. d. e.

B-21 a. b. c. d. e.

B-22 a. b. c. d. e.

B-23 a. b. c. d. e.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 22

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

MATCHING FIGURES

DIRECTIONS: Circle the figures that are the same in each row.

EXAMPLE a. b. c. d.

B-24 a. b. c. d.

B-25 a. b. c. d.

B-26 a. b. c. d.

B-27 a. b. c. d.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 23

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

MATCHING FIGURES

DIRECTIONS: Circle the figures that are the same in each row.

B-28 a. b. c. d.

B-29 a. b. c. d.

B-30 a. b. c. d.

B-31 a. b. c. d.

B-32 a. b. c. d.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 24

BUILDING THINKING SKILLS® — Level 2 FIGURAL SIMILARITIES AND DIFFERENCES

WHICH SHAPES DO NOT MATCH?

DIRECTIONS: Cross out the shapes that DO NOT match the shape on the left. The matching shapes must all face in the same direction.

EXAMPLE a. b. c. d. e.

B-33 a. b. c. d. e.

B-34 a. b. c. d. e.

B-35 a. b. c. d. e.

B-36 a. b. c. d. e.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 25

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

WHICH SHAPE DOES NOT MATCH?

DIRECTIONS: In each row, cross out the shape or figure that does not match the other four figures.

EXAMPLE a. b. c. d. e.

B-37 a. b. c. d. e.

B-38 a. b. c. d. e.

B-39 a. b. c. d. e.

B-40 a. b. c. d. e.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 26

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

WHICH FIGURE DOES NOT MATCH?

DIRECTIONS: In each row, cross out the figure that does not match the other four figures.

B-41 a. b. c. d. e.

B-42 a. b. c. d. e.

B-43 a. b. c. d. e.

B-44 a. b. c. d. e.

B-45 a. b. c. d. e.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 27

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

FINDING SHAPES

DIRECTIONS: Circle any shape that exactly matches one of the shapes in the figure on the left.

EXAMPLE a. b. c. d.

B-46 a. b. c. d.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 28

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

FINDING SHAPES

DIRECTIONS: Circle any shape that exactly matches one of the overlapping shapes in the figure on the left.

B-47 a. b. c. d.

B-48 a. b. c. d. e. f.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 29

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

FINDING SHAPES

DIRECTIONS: Circle any shape that exactly matches one of the overlapping shapes in the figure on the left.

B-49

B-50

30 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

FINDING AND TRACING PATTERNS

DIRECTIONS: Circle any figure that contains the figure on the left. The figure must be in the same position but may have extra lines. Trace over the matching figure to make sure you are right.

EXAMPLE

B-51

31 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

FINDING AND TRACING PATTERNS

DIRECTIONS: Circle any figure that contains the shape on the left. The shape must be in the same position but may have extra lines. Trace over the matching figure to make sure you are right.

B-52

B-53

32 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

FINDING AND TRACING PATTERNS

DIRECTIONS: Circle any figure that contains the figure on the left. The figure must be in the same position but may have extra lines. Trace over the matching figure to make sure you are right.

B-54

B-55

33 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

COMBINING SHAPES

DIRECTIONS: Check the figures that can be formed by joining the three shapes in the box. Shapes may be turned or flipped.

EXAMPLE

Join these three shapes.

B-56

Join these three shapes.

34 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

COMBINING SHAPES

DIRECTIONS: Check the figures that can be formed by joining the three shapes in the box. Shapes may be turned or flipped.

B-57

Join these three shapes.

B-58

Join these three shapes.

35 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

COMBINING SHAPES

DIRECTIONS: If each square was cut into three parts, check the figures that could be formed by joining those parts.

B-59

If this figure were cut along the dotted lines,

B-60

If this figure were cut along the dotted lines,

36 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

DIVIDING SHAPES INTO EQUAL PARTS—A

DIRECTIONS: Look at the two parts of the square. Answer the question, "Are the parts exactly alike?" Write *yes* or *no* in the blank below each question.

EXAMPLE

Are parts "A" and "B" exactly alike?
 _____ *yes* _____
 (Parts "A" and "B" are exactly alike in size and shape even though they face different directions.)

B-61

Are parts "C" and "D" exactly alike?
 _____ *yes* _____

B-62

Are parts "E" and "F" exactly alike?
 _____ *yes* _____

B-63

Are parts "G" and "H" exactly alike?
 _____ *no* _____

37 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO FIGURAL SIMILARITIES AND DIFFERENCES

DIVIDING SHAPES INTO EQUAL PARTS—A

DIRECTIONS: Look at the two parts of the square. Answer the question, "Are the parts exactly alike?" Write *yes* or *no* in the blank below each question.

B-64

Are parts "I" and "J" exactly alike?
 _____ *yes* _____

B-65

Are parts "K" and "L" exactly alike?
 _____ *no* _____

B-66

Are parts "M" and "N" exactly alike?
 _____ *yes* _____

B-67

Are parts "O" and "P" exactly alike?
 _____ *no* _____

38 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

ENLARGING FIGURES

DIRECTIONS: Use the dot grid to draw a figure with sides twice as long as the figure on the left.

B-149

B-150

B-151

ENLARGING FIGURES

DIRECTIONS: Use the dot grid to draw a figure with sides twice as long as the figure on the left.

B-152

B-153

B-154

REDUCING FIGURES

DIRECTIONS: To reduce a figure so that each side is half as long, count the number of spaces between the dots on each side of the figure and divide by two. Count the spaces, not the dots. Use the dot grid to mark off the length of each side of the reduced figure.

B-155 Try the "triangle rule" on line CD.

Show your work here

REDUCING FIGURES

DIRECTIONS: Use the dot grid to draw a figure with sides half as long as the figure on the left.

B-157

B-158

B-159

REDUCING FIGURES

DIRECTIONS: Use the dot grid to draw a figure with sides half as long as the figure on the left.

B-160

B-161

B-162

B-163

COMPARING SHAPES—EXPLAIN

DIRECTIONS: Use this diagram to organize your thinking about how a triangle and a trapezoid are alike and how they are different.

B-164

HOW ALIKE?

Both are closed, white figures; both are made with straight lines; both have a base length of two inches and are two inches high.

HOW DIFFERENT?

WITH REGARD TO

TRIANGLE	NUMBER OF SIDES	TRAPEZOID
three	four	four
three	NUMBER OF ANGLES	four
none	NUMBER OF PARALLEL SIDES	two

COMPARING SHAPES—EXPLAIN

DIRECTIONS: Use this diagram to organize your thinking about how a square and a parallelogram are alike and how they are different.

B-165

HOW ALIKE?

Both are white; both have four sides; both are two inches high; both have two pairs of parallel sides.

HOW DIFFERENT?

WITH REGARD TO

SQUARE	NUMBER OF EQUAL ANGLES	PARALLELOGRAM
four equal angles	two sets of equal angles	
all sides are equal	LOCATION OF EQUAL SIDES	opposite sides are equal
two inches	SIZE OF BASE	one inch

COMPARING SHAPES—EXPLAIN

DIRECTIONS: Use this diagram to organize your thinking about how a rectangle and a parallelogram are alike and how they are different.

B-166

HOW ALIKE?

Both are white; both are four-sided shapes; both have a one-inch base and are two inches high; both have opposite sides parallel.

HOW DIFFERENT?

WITH REGARD TO

RECTANGLE	NUMBER OF EQUAL ANGLES	PARALLELOGRAM
four	two pairs of equal angles	
all angles are equal	LOCATION OF EQUAL ANGLES	opposite angles are equal
90 degrees (square)	SIZE OF ANGLES	two are smaller than a right angle and 2 are larger than a right angle

SEQUENCE OF FIGURES—SELECT

DIRECTIONS: Here are examples of three sequences. The correct figure that completes each sequence is circled and an inscription of the kind of sequence is given.

EXAMPLE 1

This sequence shows "flipping" horizontally, like the pages of a book.

EXAMPLE 2

This sequence shows "turning." The arrow is turning to the left.

EXAMPLE 3

This sequence shows "subtracting detail."

BUILDING THINKING SKILLS® — Book Two FIGURAL SEQUENCES

SEQUENCE OF FIGURES—SELECT
DIRECTIONS: Circle the figure that best continues the sequence.

C-1

C-2

C-3

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 77

BUILDING THINKING SKILLS® — Book Two FIGURAL SEQUENCES

SEQUENCE OF FIGURES—SELECT
DIRECTIONS: Circle the figure that best continues the sequence.

C-4

C-5

C-6

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 78

BUILDING THINKING SKILLS® — Book Two FIGURAL SEQUENCES

SEQUENCE OF FIGURES—SELECT
DIRECTIONS: Circle the figure that best continues the sequence.

C-7

C-8

C-9

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 79

BUILDING THINKING SKILLS® — Book Two FIGURAL SEQUENCES

SEQUENCE OF FIGURES—SUPPLY
DIRECTIONS: Shade in the fourth shape in each row to continue each sequence.

C-10

C-11

C-12

C-13

C-14

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 80

BUILDING THINKING SKILLS® — Book Two FIGURAL SEQUENCES

SEQUENCE OF FIGURES—SUPPLY
DIRECTIONS: Shade in the fourth shape in each row to continue each sequence.

C-15

C-16

C-17

C-18

C-19

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 81

BUILDING THINKING SKILLS® — Book Two FIGURAL SEQUENCES

TUMBLING—SHADING
DIRECTIONS: As a shape tumbles along, the side that is on the ground changes. Darken the following figures to show how they look as they tumble across the page.

EXAMPLE

C-20

C-21

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 82

BUILDING THINKING SKILLS® — Book Two FIGURAL SEQUENCES

TUMBLING—SHADING
DIRECTIONS: As a shape tumbles along, the side that is on the ground changes. Darken the following figures to show how they look as they tumble across the page. You may not need to fill in all the shapes.

C-22 Darken each square to show how it will look as it turns to the right.

C-23 Darken each square to show how it will look as it turns to the left.

C-24 Starting with the circle in the middle, darken another circle to show how the middle circle will look as it turns once to the left.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 83

BUILDING THINKING SKILLS® — Book Two FIGURAL SEQUENCES

TUMBLING—SHADING
DIRECTIONS: As a shape tumbles along, the side that is on the ground changes. Darken the following figures to show how they look as they tumble across the page. You may not need to fill in all the shapes.

C-25 Darken the figures to show how the square will look as it turns three times to the right.

C-26 Darken the figures to show how the square will look as it turns two times to the left.

C-27 Darken the figures to show how the square will look as it turns four times to the right.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 84

BUILDING THINKING SKILLS® — Book Two FIGURAL SEQUENCES

TURNING (ROTATING) FIGURES
DIRECTIONS: Explain how the first figure has been turned to produce the second / filling in the number of position changes and the direction of change.

EXAMPLE

Turns 1 Direction right

EXAMPLE

Turns 2 Direction left

C-28

Turns 2 Direction right

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 85

TURNING (ROTATING) FIGURES

DIRECTIONS: Explain how the first figure has been turned to produce the second y filling in the number of position changes and the direction of change.

C-29 Before turning After turning
Turns 1 Direction right

C-30 After turning Before turning
Turns 2 Direction left

C-31 Before turning After turning
Turns 3 Direction right

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

PATTERN FOLDING—SELECT

DIRECTIONS: The pattern on the left is a wrapper for one of the solids on the right. Draw a circle around the correct solid.

EXAMPLE

C-32

C-33

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

PATTERN FOLDING—SUPPLY

DIRECTIONS: The patterns at the bottom of the page, when folded, produce the cube at the top of the page. Fill in the blanks on the pattern with the correct position number for that face of the cube.

EXAMPLE

C-34

C-35

C-36

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

PATTERN FOLDING—SUPPLY

DIRECTIONS: The patterns at the bottom of the page, when folded, produce the cube at the top of the page. Fill in the blanks on the pattern with the correct position number for that face of the cube.

C-37

C-38

C-39

C-40

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

PATTERN FOLDING—SUPPLY

DIRECTIONS: The patterns at the bottom of the page, when folded, produce the cube at the top of the page. Fill in the blanks on the pattern with the correct position number for that face of the cube.

C-41

C-42

C-43

C-44

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

STACKING SHAPES—SELECT

DIRECTIONS: Look at the four shapes in the top box. At the bottom of the page are six combinations formed by placing one shape on another. Select the stack that fits each description.

EXAMPLE: The hexagon is on the square. Answer: C

C-45 The circle is on the triangle. Answer: d

C-46 The triangle is on the square. Answer: e

C-47 The square is on the hexagon. Answer: f

a.

b.

c.

d.

e.

f.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

STACKING SHAPES—SELECT

DIRECTIONS: Look at the four shapes in the top box. At the bottom of the page are eight combinations formed by placing one shape on another. Select the stack that fits each description.

C-48 The circle is on the square. Answer: c

C-49 The triangle is on the rectangle. Answer: f

C-50 The rectangle is on the square. Answer: b

C-51 The square is on the circle. Answer: g

C-52 The circle is on the rectangle. Answer: a

a.

b.

c.

d.

e.

f.

g.

h.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

STACKING SHAPES—SUPPLY

DIRECTIONS: Shade in the shapes to show how each pair of shapes will look after they are stacked according to the directions.

EXAMPLE

Put the circle on the rectangle.

C-53

Put the rectangle on the triangle.

C-54

Put the triangle on the rectangle.

C-55

Put the rectangle on the circle.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

STACKING SHAPES—SUPPLY

DIRECTIONS: Shade in the shapes to show how each pair of shapes will look after they are stacked according to the directions.

C-56 Put the square on the triangle.

C-57 Put the rectangle on the triangle.

C-58 Put the rectangle on the square.



C-59 Put the triangle on the rectangle.



© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849



BUILDING THINKING SKILLS® — Book Two FIGURAL CLASSIFICATIONS



MATCHING CLASSES BY SHAPE



DIRECTIONS: Draw a line from each group on the left to a group on the right that belongs to the same class.

D-13  a. 

D-14  b. 

D-15  c. 

D-16  d. 

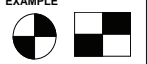
D-17  e. 



© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 105



BUILDING THINKING SKILLS® — Book Two FIGURAL CLASSIFICATIONS



MATCHING CLASSES BY SHAPE



DIRECTIONS: Draw a line from each group on the left to a group on the right that belongs to the same class.

EXAMPLE 

D-18  b. 

D-19  c. 

D-20  d. 

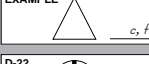
D-21  e. 


© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 106


BUILDING THINKING SKILLS® — Book Two FIGURAL CLASSIFICATIONS


CLASSIFYING MORE THAN ONE WAY—MATCHING


DIRECTIONS: Match the figure in each box on the left to all the classes on the right to which it can belong. Write the letters of the correct classes on the line next to the figure. For example, the triangle in the example belongs to both class c (the white class) and class f (the triangle class). *

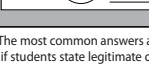
EXAMPLE  c, f


D-22  e




D-23  c, f



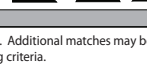
D-24  b, c, d, e

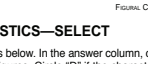

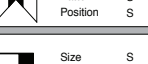
D-25  a, c


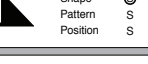
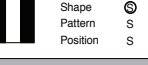
D-26  d



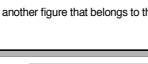
D-27  c




a.   

b.   

c.   

d.   

e.   


f.   


* The most common answers are given. Additional matches may be justified if students state legitimate classifying criteria.


BUILDING THINKING SKILLS® — Book Two FIGURAL CLASSIFICATIONS


CLASSIFYING MORE THAN ONE WAY—MATCHING


DIRECTIONS: Match the figure in each box to all the classes on the right to which it can belong. You can match the figure by one or more characteristics. Write the letters of all the classes to which it can belong.


D-28  b, e


D-29  c, f




D-30  a, e




D-31  d, f

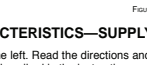
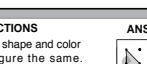

D-32  e, f

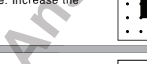

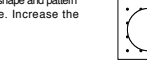
D-33  a, b, c, d

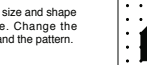


D-34  a, c, d, e

a.   

b.   

c.   

d.   

e.   

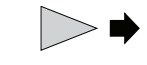

f.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 108

BUILDING THINKING SKILLS® — Book Two FIGURAL CLASSIFICATIONS



CHANGING CHARACTERISTICS—SELECT



DIRECTIONS: Look at each pair of figures below. In the answer column, circle "S" if the characteristic is the same for both figures. Circle "D" if the characteristic is different.


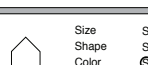
EXAMPLE  

Size S D
 Shape S D
 Color S D
 Position S D

Both triangles are the same size; S is circled in the size row. Both shapes are triangles; S is circled in the shape row. One triangle is gray and the other is black; D is circled in the color row. The gray triangle points to the right and the black triangle points to the left; D is circled in the position row.

D-35   Size S D
 Shape S D
 Color S D

D-36   Size S D
 Shape S D
 Pattern S D



D-37   Size S D
 Shape S D
 Color S D
 Position S D



© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 109



BUILDING THINKING SKILLS® — Book Two FIGURAL CLASSIFICATIONS


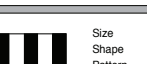
CHANGING CHARACTERISTICS—SELECT


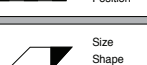
DIRECTIONS: Look at each pair of figures below. In the answer column, circle "S" if the characteristic is the same for both figures. Circle "D" if the characteristic is different.

D-38   Size S D
 Shape S D
 Pattern S D
 Position S D

D-39   Size S D
 Shape S D
 Pattern S D

D-40   Size S D
 Shape S D
 Pattern S D
 Position S D

D-41   Size S D
 Shape S D
 Pattern S D
 Position S D

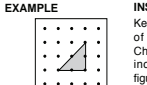
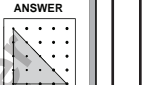
D-42   Size S D
 Shape S D
 Pattern S D
 Position S D

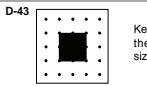

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 110

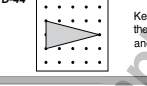
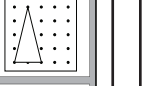
BUILDING THINKING SKILLS® — Book Two FIGURAL CLASSIFICATIONS



CHANGING CHARACTERISTICS—SUPPLY



DIRECTIONS: Look at the figure on the left. Read the directions and then draw another figure with the characteristics described in the instructions.

EXAMPLE  **INSTRUCTIONS** Keep the shape and color of the figure the same. Change the position and increase the size of the figure. **ANSWER** 

D-43  **INSTRUCTIONS** Keep the shape and color the same. Increase the size. **ANSWER** 

D-44  **INSTRUCTIONS** Keep the shape and size the same. Change the color and position. **ANSWER** 

D-45  **INSTRUCTIONS** Keep the shape and pattern the same. Increase the size. **ANSWER** 

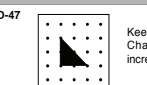

D-46  **INSTRUCTIONS** Keep the size and shape the same. Change the position and the pattern. **ANSWER** 

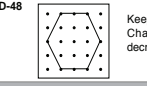
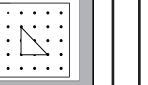
© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 111

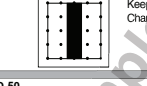

BUILDING THINKING SKILLS® — Book Two FIGURAL CLASSIFICATIONS



CHANGING CHARACTERISTICS—SUPPLY

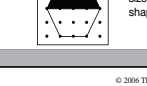

DIRECTIONS: Look at the figure on the left. Read the directions and then draw another figure with the characteristics described in the instructions.

D-47  **INSTRUCTIONS** Keep the color the same. Change the shape and increase the size. **ANSWER** 

D-48  **INSTRUCTIONS** Keep the color the same. Change the shape and decrease the size. **ANSWER** 

D-49  **INSTRUCTIONS** Keep the pattern the same. Change the shape and size. **ANSWER** 

D-50  **INSTRUCTIONS** Keep the size and shape the same. Change the color and direction. **ANSWER** 


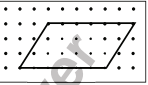
D-51  **INSTRUCTIONS** Keep the pattern and the size the same. Change the shape. **ANSWER** 


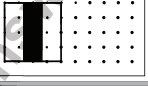
© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 112



BUILDING THINKING SKILLS® — Book Two FIGURAL CLASSIFICATIONS



DRAW ANOTHER


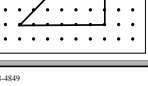
DIRECTIONS: In the box on the right, draw another figure that belongs to the group on the left.

D-52  

D-53  

D-54  

D-55  

D-56  

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 113

BUILDING THINKING SKILLS® — Book Two FIGURAL ANALOGIES

FIGURAL ANALOGIES—COMPLETE

DIRECTIONS: Shade in the last figure in each row so that the figural analogies are complete.

A : B :: C : D

E-33

E-34

E-35

E-36

E-37

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 145

BUILDING THINKING SKILLS® — Book Two FIGURAL ANALOGIES

FIGURAL ANALOGIES—COMPLETE

DIRECTIONS: Shade in the last figure in each row so that the analogies are complete.

A : B :: C : D

E-38

E-39

E-40

E-41

E-42

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 144

BUILDING THINKING SKILLS® — Book Two FIGURAL ANALOGIES

FIGURAL ANALOGIES—COMPLETE

DIRECTIONS: Shade in the last figure in each row so that the figural analogies are complete.

A : B :: C : D

E-43

E-44

E-45

E-46

E-47

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 145

BUILDING THINKING SKILLS® — Book Two FIGURAL ANALOGIES

FIGURAL ANALOGIES—SUPPLY

DIRECTIONS: Using the dot grid, draw in a figure to complete each analogy.

E-48

E-49

E-50

E-51

E-52

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 146

BUILDING THINKING SKILLS® — Book Two FIGURAL ANALOGIES

FIGURAL ANALOGIES—SUPPLY

DIRECTIONS: Using the dot grid, draw in a figure to complete each analogy.

E-53

E-54

E-55

E-56

E-57

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 147

BUILDING THINKING SKILLS® — Book Two FIGURAL ANALOGIES

FIGURAL ANALOGIES—SUPPLY

DIRECTIONS: Using the dot grid, draw in a figure to complete each analogy.

E-58

E-59

E-60

E-61

E-62

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 148

BUILDING THINKING SKILLS® — Book Two FIGURAL ANALOGIES

FIGURAL ANALOGIES—SUPPLY A PAIR

DIRECTIONS: Using the dot grid, draw the last two figures, "C" and "D," to complete the analogy. Figures "C" and "D" should be related to each other in the same way that the first two figures, "A" and "B," are related.

A : B :: C : D

E-63

E-64

E-65

E-66

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 149

BUILDING THINKING SKILLS® — Book Two FIGURAL ANALOGIES

FIGURAL ANALOGIES—SUPPLY A PAIR

DIRECTIONS: Using the dot grid, draw the last two figures, "C" and "D," to complete the analogy. Figures "C" and "D" should be related to each other in the same way that the first two figures, "A" and "B," are related.

A : B :: C : D

E-67

E-68

E-69

E-70

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 150

BUILDING THINKING SKILLS® — Book Two FIGURAL ANALOGIES

FIGURAL ANALOGIES—FOLLOW THE RULE

DIRECTIONS: Read the rule in each box. Complete each pair in these analogies by drawing shapes which follow that rule.

E-71 Increase detail by doubling the number of parts.

E-72 Illustrate color-opposites.

E-73 Reflect about an up-down (vertical) line.

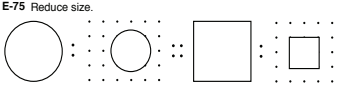
E-74 Rotate in the direction of the arrow (counterclockwise).

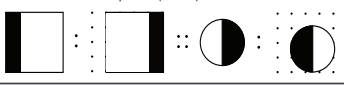
© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 151


BUILDING THINKING SKILLS® — BOOK TWO FIGURAL ANALOGIES


FIGURAL ANALOGIES—FOLLOW THE RULE

DIRECTIONS: Read the rule in each box. Complete each pair in these analogies by drawing shapes which follow that rule.

E-75 Reduce size.


E-76 Reflect about an up-down (vertical) line.


E-77 Rotate in the direction of the arrow (clockwise).


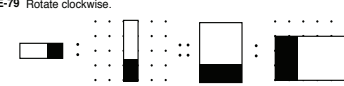
E-78 Illustrate color-opposites.


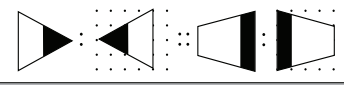
152 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

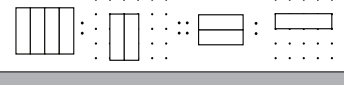
BUILDING THINKING SKILLS® — BOOK TWO FIGURAL ANALOGIES

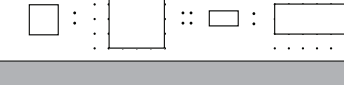
FIGURAL ANALOGIES—FOLLOW THE RULE

DIRECTIONS: Read the rule in each box. Complete each pair in these analogies by drawing shapes which follow that rule.

E-79 Rotate clockwise.


E-80 Reflect about a vertical line.


E-81 Reduce detail or number of parts.


E-82 Increase size.


153 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING THINGS

DESCRIBING FOODS—SELECT

DIRECTIONS: Each exercise contains the names of three foods, followed by descriptions of two of the words. Choose the word that fits each description and write it in the blank.

EXAMPLE
WORD CHOICES: corn, rice, wheat
A. We eat the seeds of this yellow vegetable. The seeds are protected by husks that grow on a tall stalk. _____ corn
B. We eat the seeds of this grain, which grows as a tall grass. The seeds are often ground into flour to make bread. _____ wheat

F-1 WORD CHOICES: cucumber, yellow squash, zucchini
A. This long, round, green, salad vegetable is often made into pickles. _____ cucumber
B. This squash looks like a cucumber and is eaten boiled or fried. _____ zucchini

F-2 WORD CHOICES: lemonade, milk, water
A. This liquid has no nutritional value, but we need to drink 6 to 8 glasses of it each day. It makes up most of our body. _____ water
B. This liquid is an important source of calcium to build strong teeth and bones. You can drink it or pour it on your cereal. _____ milk

156 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING THINGS

DESCRIBING ANIMALS—SELECT

DIRECTIONS: Each exercise contains the names of three animals, followed by descriptions of two of the words. Choose the word that fits each description and write it in the blank.

F-3 WORD CHOICES: deer, elk, moose
A. The largest member of the deer family, this animal has a very large head and a long flap of skin, called a bell, that hangs under its throat. The males have large, broad, spoon-shaped antlers. _____ moose
B. A medium-sized member of the deer family, this animal's coat is grayish brown with a white patch on its rump. In the United States, it is only found in the Rocky Mountains and in the Central Valley of California. _____ elk

F-4 WORD CHOICES: butterfly, moth, wasp
A. This insect is dull in color, has large wings, and flies at night. _____ moth
B. Groups of these stinging insects build large, paperlike, "woven" nests. _____ wasp

F-5 WORD CHOICES: seal, sea lion, walrus
A. This member of the seal family has ears and flippers that are larger than those of true seals. Its long, tapered body is covered with thin, short, coarse hair. This animal can turn its hind flippers forward to move about on land. _____ sea lion
B. This large marine mammal lives in the open water at the edge of the Arctic ice pack. It lacks external ears, has long tusks and thick, nearly hairless skin, except for long bristles on the cheek pads. It has reversible hind flippers for moving over ice. _____ walrus

157 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING THINGS

DESCRIBING VEHICLES—SELECT

DIRECTIONS: Each exercise contains the names of three vehicles followed by descriptions of two of the words. Choose the word that fits each description and write it in the blank.

F-6 WORD CHOICES: bicycle, moped, motorcycle
A. This two-wheeled vehicle can be pedaled or driven by a small engine. Its top speed is about 30 miles per hour. _____ moped
B. This two-wheeled vehicle is powered by a gasoline engine that can propel it at speeds up to 100 miles per hour. Because it is often driven at high speeds, it is a very dangerous vehicle, and accidents on it often result in injuries or death. _____ motorcycle

F-7 WORD CHOICES: backhoe, bulldozer, crane
A. This very large vehicle moves short distances on rolling tracks. A motor-driven cable runs over the end of a long, necklike boom. A hook at the end of the cable is used to lift heavy objects. _____ crane
B. This large vehicle has a large, movable scoop shovel on the back that is used to dig ditches and trenches. _____ backhoe

F-8 WORD CHOICES: all-terrain vehicle, motocross bicycle, snowmobile
A. This vehicle has large, fat tires that allow it to move over almost any land or marshy area. _____ all-terrain vehicle
B. This two-wheeled vehicle is small and tough. It is built to fly over dirt jumps and race around tracks. It has special tires and a rugged frame. _____ motocross bicycle

158 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING THINGS

DESCRIBING GEOGRAPHIC TERMS—SELECT

DIRECTIONS: Each exercise contains the names of three landforms or bodies of water, followed by descriptions of two of the words. Choose the word that fits each description and write it in the blank.

F-9 WORD CHOICES: canal, channel, stream
A. A natural, narrow waterway connecting two bodies of water. _____ channel
B. A manmade, narrow waterway connecting two bodies of water. _____ canal

F-10 WORD CHOICES: basin, canyon, mesa
A. A flat-topped hill with steep sides, common in deserts. _____ mesa
B. A broad flat area surrounded by hills or mountains. _____ basin

F-11 WORD CHOICES: island, isthmus, peninsula
A. A narrow strip of land connecting two larger land areas. _____ isthmus
B. Land surrounded by water on three sides. _____ peninsula

159 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING THINGS

DESCRIBING OCCUPATIONS—SELECT

DIRECTIONS: Each exercise contains the names of three occupations, followed by descriptions of two of the jobs. Choose the word that fits each description and write it in the blank.

F-12 WORD CHOICES: dental hygienist, dental assistant, dentist
A. This person gives dental examinations and cleans patients' teeth but does not fill or cap teeth. _____ dental hygienist
B. This person prepares a patient to see the dentist. He or she hands instruments and materials to the dentist during dental procedures, takes X-rays, takes impressions of the teeth, and performs other dental tasks. _____ dental assistant

F-13 WORD CHOICES: inhalation therapist, nurse, physical therapist
A. This person helps hospitalized patients regain their ability to breathe. _____ inhalation therapist
B. This person helps injured people learn to walk and/or use their arms and hands again. _____ physical therapist

F-14 WORD CHOICES: computer engineer, data clerk, programmer
A. This person is responsible for entering the correct information into a computer. _____ data clerk
B. This person is responsible for designing and building computers. _____ computer engineer

160 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — LEVEL TWO DESCRIBING THINGS

DESCRIBING COMPUTER DEVICES—SELECT

DIRECTIONS: Each exercise contains three computer terms, followed by descriptions of two of the terms. Choose the word that fits each description and write it in the blank.

F-15 WORD CHOICES: computer processing unit, computer memory, compact disk
A. This computer component allows processed data to be stored within the computer. _____ computer memory
B. This computer component allows the operator to perform complex tasks such as calculations, word processing, drawing, and bookkeeping. _____ computer processing unit

F-16 WORD CHOICES: e-mail, Internet, modem
A. This device connects a computer to the World Wide Web. _____ modem
B. This system of interconnections between computers allows a computer operator to send and receive information (drawings, messages, or files) from other computer users. _____ Internet

F-17 WORD CHOICES: CD ROM, Random Access Memory (RAM), Read Only Memory (ROM)
A. This integrated circuit allows a computer to access (find) and use the instructions (programs) stored or fed into a computer. _____ Random Access Memory (RAM)
B. This computer component allows a computer to read and store (remember) the calculations, written documents, and drawings produced by the computer operator. _____ Read Only Memory (ROM)

161 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO DESCRIBING THINGS

IDENTIFYING CHARACTERISTICS OF FOOD

DIRECTIONS: Read each passage about a food. Identify the characteristics of the food and write them in the blanks.

F-18
 A pizza is a popular baked food that consists of a flat, round bread base covered with tomato sauce and cheese. Various other ingredients are sprinkled on top of the basic pizza.

flat, round bread base CHARACTERISTIC
 covered with tomato sauce CHARACTERISTIC
PIZZA
 PLACE OR THING
 cover with cheese CHARACTERISTIC
 covered with a variety of other ingredients CHARACTERISTIC

F-19
 Butter is a yellow, dairy product that is made by stirring (churning) milk until the butterfat forms into lumps. The lumps are collected and molded into sticks of butter that can be sold by grocers.

yellow in color CHARACTERISTIC
 a dairy product CHARACTERISTIC
BUTTER
 PLACE OR THING
 made by stirring (churning) milk CHARACTERISTIC
 is the butterfat found in milk CHARACTERISTIC

162 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL SIMILARITIES AND DIFFERENCES

SIMILARITIES—SELECT

DIRECTIONS: Each line contains four verbs. Read the first verb and think about what it means. One of the next three verbs means almost the same thing. Underline the one that is most like the first verb in meaning.

G-73 break a crack b. mend c. repair

G-74 lead a. attempt d direct c. follow

G-75 seem a appear b. have c. need

G-76 begin a. make b start c. try

G-77 jog a. hike b. pace c run

G-78 manage a control b. start c. stop

G-79 continue a. expect b. prevent c proceed

G-80 desire a. have b. try c want

G-81 clear a. plant b remove c. set

G-82 care a. ignore b. neglect c tend

G-83 produce a. break b manufacture c. reduce

G-84 survive a. die b. perish c recover

192 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL SIMILARITIES AND DIFFERENCES

SIMILARITIES—SELECT

DIRECTIONS: Each line contains four adjectives. Read the first adjective and think about what it means. One of the next three adjectives means almost the same thing. Underline the one that is most like the first adjective in meaning.

G-85 active a busy b. quiet c. still

G-86 tired a. calm b. rested c weary

G-87 curious a. familiar b peculiar c. similar

G-88 personal a. open b private c. public

G-89 initial a first b. last c. middle

G-90 former a. current b earlier c. present

G-91 novel a different b. familiar c. old

G-92 earnest a serious b. casual c. careless

G-93 temporary a. continuous b brief c. permanent

G-94 favorable a. critical b friendly c. negative

G-95 clever a. average b. dull c sharp

G-96 mobile a. fixed b movable c. stationary

193 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL SIMILARITIES AND DIFFERENCES

SIMILARITIES—SELECT

DIRECTIONS: Each line contains four adjectives. Sometimes the same word can have several different meanings. Read the first adjective in each row and think about what it means. Underline the one that is most like the first adjective in meaning.

G-97 dull a boring b. exciting c. loud

G-98 dull a blunt b. even c. sharp

G-99 hard a difficult b. simple c. smooth

G-100 hard a. easy b firm c. loose

G-101 hard a. fantastic b. idealistic c realistic

G-102 clear a bright b. gloomy c. hazy

G-103 clear a. blurred b certain c. vague

G-104 clear a bare b. clogged c. occupied

G-105 fine a. awful b excellent c. poor

G-106 fine a. coarse b. rough c delicate

G-107 fine a. broad b thin c. wide

G-108 fine a clear b. cloudy c. gloomy

194 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL SIMILARITIES AND DIFFERENCES

SIMILARITIES—SELECT

DIRECTIONS: Each line contains four verbs. Sometimes the same word can have several different meanings. Read the first verb in each row and think about what it means. Underline another verb that is most like the first one in meaning.

G-109 raise a. lower b lift c. slide

G-110 raise a increase b. reduce c. use

G-111 raise a. destroy b grow c. maintain

G-112 cut a. peel b slice c. tear

G-113 cut a. hire b. increase c reduce

G-114 cut a. comb b. dry c shave

G-115 cut a. concentrate b dilute c. thicken

G-116 fail a. cure b decline c. heal

G-117 fail a flunk b. pass c. win

G-118 fail a dwindle b. grow c. supply

G-119 drop a fall b. rise c. soar

G-120 drop a decline b. grow c. hold

195 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL SIMILARITIES AND DIFFERENCES

SIMILARITIES—SUPPLY

DIRECTIONS: Each line contains a verb. Read the verb and think about what it means. Think of another verb (or verbs) that means almost the same. Write the verb(s) in the box.

G-121 capture *hold, grab, catch*

G-122 select *pick, choose, decide*

G-123 ruin *destroy, wreck, demolish, bankrupt*

G-124 require *demand, want, crave, request*

G-125 complete *finish, fill out*

G-126 consider *examine, wonder, regard, contemplate*

G-127 contain *hold, include, enclose OR control, repress*

G-128 shut *close, seal, block*

G-129 create *make, invent, develop, build*

G-130 proceed *march, move, journey, pass, progress, advance*

G-131 nourish *nurse, cherish, nurture, foster, cultivate*

G-132 strike *hit, swat, slap, beat, poke*

196 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL SIMILARITIES AND DIFFERENCES

SIMILARITIES—SUPPLY

DIRECTIONS: Each line contains an adjective. Read the adjective and think about what it means. Think of another adjective (or adjectives) that means almost the same. Write the adjective(s) in the box.

G-133 whole *all, complete, total, entire*

G-134 most *greatest, largest*

G-135 extra *more, additional, spare*

G-136 single *one, only, sole, unmarried*

G-137 annual *yearly*

G-138 brilliant *beaming, radiant OR smart, clever, sharp*

G-139 cautious *careful, vigilant, considerate, guarded*

G-140 artificial *man-made, false, synthetic, fake, unreal*

G-141 polite *courteous, mannerly, civil, thoughtful*

G-142 minor *little, petty, trivial, small, unimportant*

G-143 substantial *material, gross OR big, weighty OR prosperous, comfortable*

G-144 handy *convenient, nearby OR practical, useful, functional*

197 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL SIMILARITIES AND DIFFERENCES

SIMILARITIES—SUPPLY

DIRECTIONS: Each line contains a noun. Read the noun and think about what it means. Think of a noun (or nouns) that means almost the same. Write the noun(s) in the box.

G-145 instructor *teacher, tutor, coach, educator*

G-146 opportunity *chance, opening, occasion*

G-147 explanation *description, answer, reason*

G-148 power *skill, capacity OR might, force, vigor OR energy, electricity*

G-149 delight *joy, pleasure, happiness, amusement*

G-150 achievement *feat, deed, exploit, accomplishment*

G-151 boundary *edge, perimeter, bounds, limits, confines*

G-152 career *profession, calling, trade, vocation, craft*

G-153 section *part, division, parcel, piece, portion, segments, zone, region*

G-154 announcement *declaration, proclamation, statement*

G-155 device *appliance, instrument, tool, utensil, machine*

G-156 supplement *addition, complement, additive, appendix*

198 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL SIMILARITIES AND DIFFERENCES

HOW ALIKE?—SELECT

DIRECTIONS: Each line contains two words related to social studies. Think about the ways the two words are alike. Underline the sentence(s) that is true of both words.

G-157 postage stamps coins a Both can be collected as a hobby. b Both are produced by the government. c Both have a monetary value printed on them.

G-158 king president a Both are elected. b Both are national leaders. c Both participate in national ceremonies.

G-159 goods services a Both are objects. b Both can be purchased. c Both require workers.

G-160 globe map a Both are drawings of all or part of the earth. b Both are flat. c Both can be used to estimate distances between places.

G-161 lake ocean a Both are bodies of water. b Both can be located on maps. c Both contain drinkable water.

G-162 checks money a Both can be obtained at a bank. b Both can be used to buy things. c Both need to be endorsed.

199 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL SIMILARITIES AND DIFFERENCES

HOW ALIKE?—SELECT

DIRECTIONS: Each line contains two words related to communication. Think about the ways the two words are alike. Underline the sentence(s) that is true of both words.

G-163 magazine newspaper a Both are usually published daily. b Both have editors. c Both can have reporters.

G-164 radio telephone a Both deliver sounds. b Both can be dialed or tuned. c Both broadcast programs.

G-165 fax letter a Both are delivered by the postal service. b Both require special sending and receiving equipment. c Both convey information.

G-166 debate political speech a Both present opposing points of view. b Both involve speaking. c Both concern the speakers' opinions.

G-167 television news historical documentary a Both are based on fact. b Both discuss current issues. c Both are informative.

G-168 conversation lecture a Both convey information. b Both involve speaking. c Both are spoken by teachers or visiting experts.

200 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — Book Two VERBAL SEQUENCES

DESCRIBING LOCATIONS

DIRECTIONS: Locate the parts of Midville described in the exercises. Read the instructions for each exercise and mark the map accordingly.

H-35 Print a "P" where Second Avenue and C Street cross.

H-36 Print a "Q" where Third Avenue and A Street cross.

H-37 Print an "R" where First Avenue and D Street cross.

H-38 Which letter (P, Q, or R) is closest to West Park? Answer: R

H-39 Which letter is in the northern part of Midville? Answer: R

H-40 Which street or avenue is closest to East Park? Answer: Avenue

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — Book Two VERBAL SEQUENCES

DESCRIBING LOCATIONS

DIRECTIONS: Locate the parts of Midville described in the exercises. Read the instructions for each exercise and answer the questions.

H-41 You are facing West Park. Third Avenue is one block behind you. C Street is one block to your right. You are located where B Street meets Second Avenue.

What street or avenue is one block to your left? Answer: A Street

How far are you from North Park? Answer: 2 blocks.

H-42 You have moved and are now facing south. C Street is one block behind you. Third Avenue is now two blocks to your left. You are now located where B Street meets First Avenue.

What street or avenue is one block ahead of you? Answer: A Street

How far are you from East Park? Answer: 3 blocks.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — Book Two VERBAL SEQUENCES

DESCRIBING DIRECTIONS

DIRECTIONS: Locate the parts of Midville described in the exercises. Read the instructions for each exercise and answer the questions.

EXAMPLE: If you start at Third Avenue and D Street and travel three blocks south, you will be at the corner of Third Avenue and A Street. (Follow the arrows from Start to Finish.)

H-43 If you start at Fourth Avenue and C Street and travel three blocks west, where will you be?
Answer: Where C Street meets First Avenue.

H-44 If you start at Second Avenue and D Street and travel in a straight line to Fourth Avenue and D Street, how far have you traveled?
Answer: 2 blocks.

In what direction did you travel? Answer: east

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — Book Two VERBAL SEQUENCES

DESCRIBING DIRECTIONS

DIRECTIONS: Locate the parts of Midville described in the exercises. Read the instructions for each exercise and answer the questions.

H-45 Describe the path shown by the arrows between points X and Y.
Go 3 blocks to the north, and 1 blocks to the east.

H-46 Draw and describe another path having one turn which will go from point X to point Y.
Go 1 blocks to the east and 3 blocks to the north.

How many total blocks are traveled in each path? Answer: Each path is 4 blocks long.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — Book Two VERBAL SEQUENCES

DESCRIBING DIRECTIONS

DIRECTIONS: Locate the parts of Midville described in the exercises. Read the instructions for each exercise and answer the questions.

H-47 Describe the path shown by the arrows between points P and Q.
Go 3 blocks to the south, and 1 blocks to the east.

H-48 Draw and describe another path having one turn which will go from point P to point Q.
Go 1 blocks to the east and 3 blocks to the south.

How many total blocks are traveled in each path?
Answer: Each path is 4 blocks long.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — Book Two VERBAL SEQUENCES

DESCRIBING DIRECTIONS

DIRECTIONS: Locate the parts of Midville described in the exercises. Read the instructions for each exercise and answer the questions.

H-49 Use a dotted line (...) to draw a path from point R to point S that is four blocks long and has two turns. Describe the path.
Go 1 blocks to the east, and 2 blocks to the south, and 1 blocks to the east.

H-50 Use a dashed line (---) to draw another path from point R to point S that is four blocks long and has two turns. Describe the path.
Go 1 blocks to the south, and 2 blocks to the east, and 1 blocks to the south.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — Book Two VERBAL SEQUENCES

TIME SEQUENCE—SELECT

DIRECTIONS: The first two words in each group suggest an order of occurrence. In the blank, write the word from the column on the right that will continue the time sequence.

H-51 leave, travel, arrive arrive
depart drive

H-52 earn, save, spend gain
receive spend

H-53 plan, build, occupy construct
design occupy

H-54 cause, event, result chance
reason result

H-55 early, prompt, late late
now soon

H-56 measure, mark, cut cut
line rule

H-57 sleep, waken, rise rise
slumber stir

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — Book Two VERBAL SEQUENCES

TIME SEQUENCE—RANK

DIRECTIONS: On the lines below, rewrite each group of words in order of occurrence from earliest to latest.

H-58 clean, cook, eat
cook eat clean

H-59 dial, hang up, talk
dial talk hang up

H-60 buy, shop, use
shop buy use

H-61 attack, battle, defeat
attack battle defeat

H-62 lesson, performance, practice
lesson practice performance

H-63 continue, finish, start
start continue finish

H-64 dry, rinse, wash
wash rinse dry

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — Book Two VERBAL SEQUENCES

TIME SEQUENCE—SUPPLY

DIRECTIONS: The words or phrases in each group suggest an order of occurrence. Think of a word that will continue the time sequence and write it in the blank. You may need to use a dictionary.

H-65 born, live, die

H-66 plow, plant, harvest

H-67 begin, continue, end

H-68 past, present, future

H-69 dawn, morning, noon

H-70 hurt, treat, heal

H-71 inhale, hold breath, exhale

H-72 read catalog, select product, buy

H-73 enroll, attend, graduate

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

DEDUCTIVE REASONING—INSTRUCTIONS

A Mind Bender's problem asks you to match items with their characteristics. Making a matrix helps you work the problem. Here is a Mind Bender involving three people and their pets.

EXAMPLE
Michael, Sarah, and Tina own a cat, a goldfish, and a parakeet. From the clues below, match the pet owner's names with the pets.

a. Tina is allergic to animal fur.
b. Michael's pet does not use kitty litter or live in a cage.

STEP 1 From the clue "Tina is allergic to animal fur," you can figure out that Tina does not own the cat. Find the row marked T for Tina and write "NO" in the column marked C for cat.

	C	G	P
M			
S			
T	NO		

STEP 2 The second clue, "Michael's pet does not use kitty litter or live in a cage," tells you that Michael does not own a cat or a bird. Find the row marked M for Michael and write "NO" in both the C column for cat and the P column for parakeet.

	C	G	P
M	NO		NO
S			
T	NO		

STEP 3 You know that each person owns a pet. Since neither Michael nor Tina owns the cat, Sarah must be the cat owner. Write "YES" in the S row for Sarah and the C column for cat.

	C	G	P
M	NO		NO
S	YES		
T	NO		

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 257

DEDUCTIVE REASONING—INSTRUCTIONS

STEP 4 Since Sarah owns the cat, Sarah does not own the goldfish or the parakeet. Write "NO" in the S row in both the G column for goldfish and the P column for parakeet.

	C	G	P
M	NO		NO
S	YES	NO	NO
T	NO		

STEP 5 By the same kind of reasoning, you see that the only vacancy in the M row is in the G column (for goldfish). From this, you figure out (deduce) that Michael is the goldfish owner. Write a "YES" in this position.

	C	G	P
M	NO	YES	NO
S	YES	NO	NO
T	NO		

STEP 6 Since Michael owns the goldfish, then neither Sarah nor Tina own the goldfish. You have already figured out (deduced) that Sarah doesn't own the goldfish. Now you know that Tina doesn't either. Mark "NO" in the T row and the G column.

	C	G	P
M	NO	YES	NO
S	YES	NO	NO
T	NO	NO	

STEP 7 The only vacancy remaining on the chart is in the T row and the P column. You now know that Tina is the parakeet owner. You are now ready to fill in the answers:
Sarah is the cat owner.
Michael is the goldfish owner.
Tina is the parakeet owner.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 258

DEDUCTIVE REASONING

H-137 In looking up her family tree, Mrs. Bradford found that members of her family had been born in Bourne, Dartmouth, and Salem. Her ancestors' names were Abraham, James, and Nathaniel. From the clues below, match the names with the places of birth.

a. Nathaniel was older than James.
b. Abraham's mother and father came from Europe and settled in Salem just before he was born.
c. The youngest Bradford was born in Dartmouth.

	Abraham	James	Nathaniel
Bourne	NO	NO	YES
Dartmouth	NO	YES	NO
Salem	YES	NO	NO

Abraham was born in Salem.
James was born in Dartmouth.
Nathaniel was born in Bourne.

H-138 Onju, Pedro, and Richard are all in different grades at school. The children are either in the third, fourth, or fifth grade. From the clues below, match the children with their grade.

a. Pedro and Onju are not in the third grade.
b. Onju is in a higher grade than Pedro.

	3rd	4th	5th
Onju	NO	NO	YES
Pedro	NO	YES	NO
Richard	YES	NO	NO

Onju is in 5th grade.
Pedro is in 4th grade.
Richard is in 3rd grade.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 259

DEDUCTIVE REASONING

H-139 A mouse, a rabbit, and a tiger are called Cicero, Ego, and Fred. From the clues below, match the name with the animal.

a. Ego is larger than a mouse.
b. Cicero is older than the rabbit but younger than the tiger.
c. Fred is older than Cicero.

	Mouse	Rabbit	Tiger
Cicero	YES	NO	NO
Ego	NO	YES	NO
Fred	NO	NO	YES

Cicero is the mouse.
Ego is the rabbit.
Fred is the tiger.

H-140 David, Hector, and Maria are on different teams. They are each either on the baseball team, the football team, or the swimming team. From the clues below, match the students with their teams.

a. Maria can't swim.
b. David is better at swimming than Hector.
c. Hector is the quarterback on his team.

	Baseball	Football	Swimming
D	NO	NO	YES
H	NO	YES	NO
M	YES	NO	NO

David is on the swimming team.
Hector is on the football team.
Maria is on the baseball team.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 260

DEDUCTIVE REASONING

H-141 Anita, Beth, and Juan are a cook, a nurse, and a typist. From the clues below, match each person with their job.

a. Juan cannot type.
b. Anita is neither the nurse nor the typist.

	Cook	Nurse	Typist
A	YES	NO	NO
B	NO	NO	YES
J	NO	YES	NO

Anita is the cook.
Beth is the typist.
Juan is the nurse.

H-142 Mr. Allen, Mr. Franklin, Ms. Smith, and Mrs. Townsend teach either first grade, second grade, third grade, or art. From the clues below, match each teacher with his or her class.

a. Mr. Allen does not teach reading or arithmetic.
b. Mr. Smith teaches a lower grade than Mrs. Townsend but a higher grade than Mr. Franklin.

	1st	2nd	3rd	Art
A	NO	NO	NO	YES
F	YES	NO	NO	NO
S	NO	YES	NO	NO
T	NO	NO	YES	NO

Mr. Allen is the art teacher.
Mr. Franklin is the first grade teacher.
Ms. Smith is the second grade teacher.
Mrs. Townsend is the third grade teacher.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 261

DEDUCTIVE REASONING

H-143 George, Nancy, and Shannon are an astronaut, a computer programmer, and a mathematics teacher. From the clues below, match the people with their professions.

a. George is neither the astronaut nor the computer programmer.
b. Nancy is not the astronaut.

	George	Nancy	Shannon
A	NO	NO	YES
CP	NO	YES	NO
MT	YES	NO	NO

George is the mathematics teacher.
Nancy is the computer programmer.
Shannon is the astronaut.

H-144 Three race car drivers named Graham, Mario, and Pancho entered cars in a 24-hour race, and each won a prize. From the clues below, determine who drove each car and what prize was won by each driver.

a. The coupe won a higher prize than Mario's car.
b. Mario did not drive the Spyder.
c. A hatchback won a prize.
d. Graham's car won first prize.
e. The Spyder came in second.

	Coupe	Hatchback	Spyder
Graham	YES	NO	NO
Mario	NO	YES	NO
Pancho	NO	NO	YES

Place	Car	Driver
First	Coupe	Graham
Second	Spyder	Pancho
Third	Hatchback	Mario

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 262

DEDUCTIVE REASONING

H-145 Bob, Chris, Nancy, and Pat have different colored bikes. The bikes are red, blue, green, and white. From the clues below, match the bikes with the owners.

a. Bob and Chris have ten-speed bikes.
b. Chris's friend has a blue bike.
c. Nancy has a three-speed and is a friend of the owner of the white bike.
d. Nancy sometimes rides her brother's blue ten-speed bike.
e. Pat does not like his friend's green bike.
f. The red bike has one speed.

	Bob	Chris	Nancy	Pat
Red	NO	NO	NO	YES
Blue	YES	NO	NO	NO
Green	NO	NO	YES	NO
White	NO	YES	NO	NO

	Axe	Hammer	Pliers	Saw
Bill	YES	NO	NO	NO
Jane	NO	NO	YES	NO
Kim	NO	YES	NO	NO
Tom	NO	NO	NO	YES

Diagram for problem H-146 below.

H-146 Bill, Jane, Kim, and Tom brought an axe, a hammer, a pair of pliers, and a saw to build a project at school. From the clues below, match the students with the tools. (Use the diagram above on the right.)

a. Neither Bill nor the girl with the pliers brought the hammer.
b. Jane couldn't find a cutting tool.
c. Kim brought her mom's hammer.
d. Bill lost his axe after the project started.

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 263

DEDUCTIVE REASONING

H-147 In science class, students learn the eating habits of several types of animals. Some animals eat meat and others eat plants. Some animals eat both plants and animals. Some animals eat plankton. For her science project, Marisa picked four animals of different sizes and studied their eating habits. From the clues below, match the eating habits with the sizes of the four animals. The animal sizes can be described as small, medium, large, and very large.

a. The large animal is neither a meat eater nor a plankton eater.
b. The medium-sized animal is larger than the plankton eater.
c. The meat eater is larger than the plant eater.
d. The plant eater is larger than the meat and plant eater.

	Meat	Plant	Meat & Plant	Plankton
Small	NO	NO	NO	YES
Medium	NO	NO	YES	NO
Large	NO	YES	NO	NO
Very Large	YES	NO	NO	NO

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 264

FOLLOWING YES-NO RULES—A

DIRECTIONS: Darken the correct circles along the path from START to FINISH by following the YES-NO rule.

RULE BOX
YES—color is the same NO—color is not the same

EXAMPLE

H-148

© 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849 265

BUILDING THINKING SKILLS® — BOOK TWO VERBAL ANALOGIES

ANALOGIES—SELECT TWO

DIRECTIONS: In this exercise, two members of an analogy are supplied. Select two words from the choice box that will complete the analogy. These analogies are of three types—“used to,” “association,” and “synonyms.” Words in the choice box may be used more than once.

CHOICE BOX	
hear, read, see, talk	

J-73 books : read :: audio tape : hear

J-74 discuss : talk :: listen : hear

J-75 examine : see :: study : read

J-76 inspect : see :: converse : talk

J-77 television : see :: stereo : hear

J-78 blind : see :: deaf : hear

J-79 actors : talk :: editors : read

J-80 sounds : hear :: sights : see

J-81 observe : see :: chatter : talk

J-82 telescope : see :: telephone : hear OR talk

J-83 microphone : talk :: microscope : see

350 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL ANALOGIES

ANALOGIES—SELECT TWO

DIRECTIONS: In this exercise, two members of an analogy are supplied. Select two words from the choice box that will complete the analogy. These analogies are of three types—“action,” “kind of,” and “part of.” Words in the choice box may be used more than once.

CHOICE BOX	
bear, bird, feathers, fish, fur, robin, scales, tuna	

J-84 fur : bear :: scales : fish OR tuna

J-85 eagle : feather :: bear OR tuna : fur OR scales

J-86 bear : mammal :: robin OR tuna : bird OR fish

J-87 scales OR tuna : fish :: feathers OR robin : bird

J-88 robin OR bird : flies :: tuna OR fish : swims

J-89 lungs : bear OR bird OR robin :: gills : fish OR tuna

J-90 bear : growls :: robin OR : sings

J-91 wing : bird OR robin :: fin : fish OR tuna

J-92 hair : bear :: feather : bird OR robin

J-93 scales : fish OR tuna :: feathers : bird OR robin

J-94 tuna : fish :: robin : bird

351 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL ANALOGIES

ANALOGIES—EXPLAIN

DIRECTIONS: Read these analogies and decide how the words in each pair are related. On the line below each analogy, explain the relationship between the words in each pair.

Here is a list of the kinds of analogies you have practiced. Use the list to help explain these analogies.

ANTONYM ASSOCIATION	KIND OF PART OF	SYNONYM USED TO
---------------------	-----------------	-----------------

EXAMPLE: banana : fruit :: carrot : vegetable
A banana is a kind of fruit just as a carrot is a kind of vegetable.

J-95 bored : excited :: rested : weary
Bored and excited are opposite physical feelings, and rested and weary are opposite physical feelings.

J-96 beef : hamburger :: potatoes : French fries
A hamburger is a kind of cooked beef, just as French fries are a kind of cooked potato.

J-97 compliment : praise :: criticize : blame
The words of each pair have similar meanings dealing with judgement.

J-98 hammer : nail :: bat : ball
A hammer is used to hit a nail, just as a bat is used to hit a ball.

352 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL ANALOGIES

ANALOGIES—EXPLAIN

DIRECTIONS: Read these analogies and decide how the words in each pair are related. On the line below each analogy, explain the relationship between the words in each pair.

Here is a list of the kinds of analogies you have practiced. Use the list to help explain these analogies.

ANTONYM ASSOCIATION	KIND OF PART OF	SYNONYM USED TO
---------------------	-----------------	-----------------

J-99 beetle : insect :: snake : reptile
A beetle is a kind of insect, just as a snake is a kind of reptile.

J-100 teacher : instruction :: musician : entertainment
A teacher is associated with instruction, and a musician is associated with entertainment.

J-101 stare : gaze :: glance : notice
The words of each pair have similar meanings dealing with intensity of examination.

J-102 gusty : calm :: windy : still
The words of each pair have opposite meanings dealing with wind strength.

J-103 pliers : grip :: hammer : pound
Pliers are used to grip and a hammer is used to pound.

353 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL ANALOGIES

ANALOGIES—EXPLAIN

DIRECTIONS: Read these analogies and decide how the words in each pair are related. On the line below each analogy, explain the relationship between the words in each pair.

Here is a list of the kinds of analogies you have practiced. Use the list to help explain these analogies.

ANTONYM ASSOCIATION	KIND OF PART OF	SYNONYM USED TO
---------------------	-----------------	-----------------

J-104 wick : candle :: bulb : lamp
A wick is part of a candle, just as a bulb is part of a lamp.

J-105 budget : money :: schedule : time
A budget is a plan for money, just as a schedule is a plan for time.

J-106 even : smooth :: coarse : rough
The words of each pair have similar meanings dealing with texture.

J-107 hook : hang :: anchor : hold
A hook is used to hang things, and an anchor is used to hold things.

J-108 advance : retreat :: forward : backward
The words of each pair have opposite meanings dealing with direction.

354 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL ANALOGIES

ANALOGIES—EXPLAIN

DIRECTIONS: Read these analogies and decide how the words in each pair are related. On the line below each analogy, explain the relationship between the words in each pair.

Here is a list of the kinds of analogies you have practiced. Use the list to help explain these analogies.

ANTONYM ASSOCIATION	KIND OF PART OF	SYNONYM USED TO
---------------------	-----------------	-----------------

J-109 dial : radio :: switch : lamp
A dial is part of a radio, and a switch is part of a lamp.

J-110 cloth : wash :: towel : dry
A cloth is used to wash, just as a towel is used to dry.

J-111 fly : sky :: float : water
Fly is associated with sky, and float is associated with water.

J-112 ballot : vote :: check : pay
A ballot is used to vote, and a check is used to pay.

J-113 yam : potato :: lima : bean
A yam is a kind of potato, and a lima is a kind of bean.

355 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL ANALOGIES

ANTONYM OR SYNONYM ANALOGIES—SUPPLY

DIRECTIONS: Look at the first two words. Think about how they are related. The words are either similar or opposite. Next, look at the third word and produce a word from your memory that has a similar relationship.

J-114 passenger : traveler :: guest : visitor

J-115 valley : peak :: bottom : top

J-116 twilight : dusk :: autumn : fall

J-117 frequently : often :: shortly : soon

J-118 hunt : search :: locate : find

J-119 stick : pole :: pit : hole

J-120 close : distant :: near : far

J-121 insect : bug :: child : kid

J-122 quiet : loud :: silent : noisy

J-123 shut : close :: unfasten : open OR unlock

J-124 bright : dim :: shiny : dull

J-125 dash : race :: stroll : walk OR hike

J-126 sprinkle : rain :: snack : meal

356 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL ANALOGIES

ASSOCIATION ANALOGIES—SUPPLY

DIRECTIONS: Look at the first two words. Think about how they are related. The words will be associated in some way. Next, look at the third word and produce a word from your memory that has a similar relationship.

J-127 father : son :: king : prince

J-128 mouse : rat :: pebble : rock OR stone

J-129 sheet : bed :: rug : floor

J-130 path : road :: hill : mountain

J-131 pink : red :: gray : black

J-132 seal : pup :: lion : cub

J-133 scared : tremble :: sad : cry OR sob

J-134 salesperson : customer :: teacher : student

J-135 designer : pattern :: architect : plan OR blueprint

J-136 actor : script :: singer : music OR score

J-137 mother : father :: aunt : uncle

J-138 instructor : pupil :: doctor : patient

J-139 cloudburst : rain :: blizzard : snow

357 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849

BUILDING THINKING SKILLS® — BOOK TWO VERBAL ANALOGIES

“KIND OF” ANALOGIES—SUPPLY

DIRECTIONS: Look at the first two words. Think about how they are related. The first word represents a “kind of” the second. Next, look at the third word and produce a word from your memory that has a similar relationship.

J-140 sedan : automobile :: pickup : truck

J-141 refrigerator : appliance :: chair : furniture

J-142 jeans : pants :: sneakers : shoes

J-143 cherry : berry :: almond : nut

J-144 ice : solid :: water : liquid

J-145 hamburger : sandwich :: milk shake : drink

J-146 bean : vegetable :: orange : fruit

J-147 granite : rock :: iron : metal OR ore

J-148 swan : bird :: ant : insect

J-149 macaroon : cookie :: fudge : candy

J-150 bunk : bed :: rocker : chair

J-151 ten-speed : bicycle :: convertible : car OR automobile

J-152 novel : book :: ballad : song OR poem

358 © 2006 The Critical Thinking Co.™ • www.CriticalThinking.com • 800-458-4849