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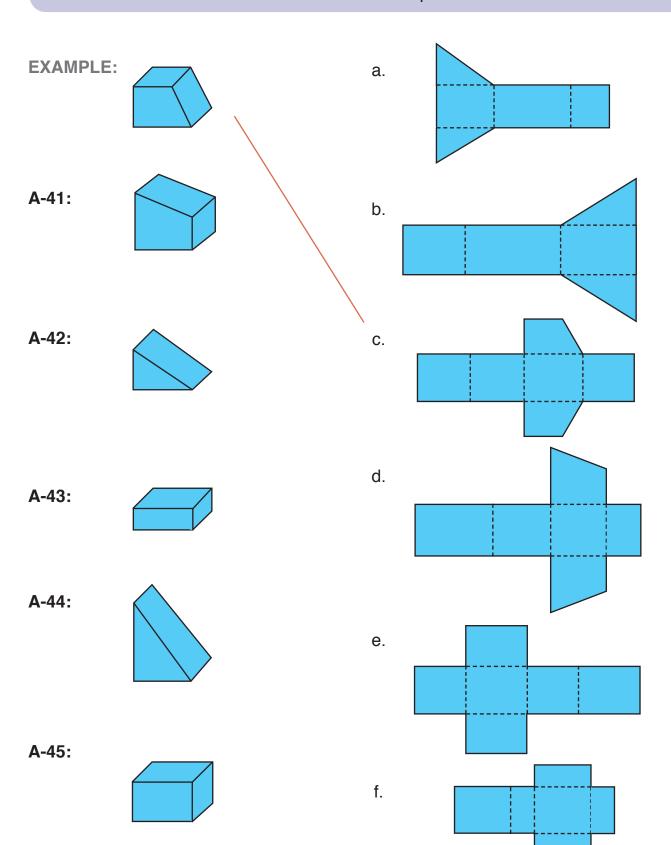
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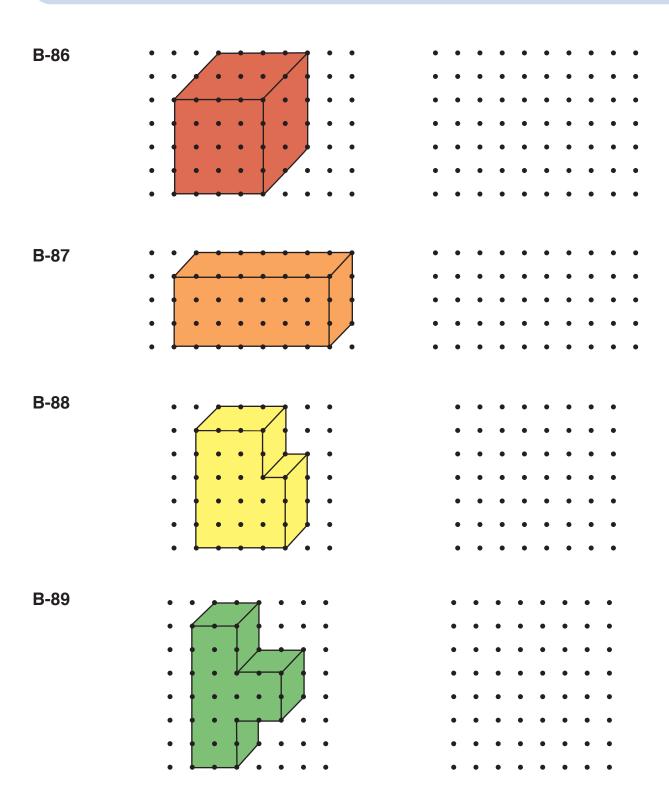
DESCRIBING SOLIDS

DIRECTIONS: Draw a line from each solid to its pattern.



COPYING A FIGURE

DIRECTIONS: To copy a figure, count the number of spaces between the dots on each side of the figure. Use the dot grid to mark the length of each side. Color your drawing.



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SEQUENCES OF FIGURES

DIRECTIONS: Circle the figure that best continues the sequence.

C-4







a.



C.



C-5







a.



C.



d.



C-6







a.



b.



d.



C-7







a.



b.





C-8







a.



b.



C.



d.



C-9







a.



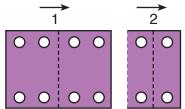
C.



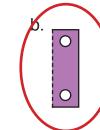
PAPER FOLDING

DIRECTIONS: Circle the drawing that shows how the paper will look when folded twice.

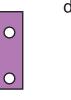
EXAMPLE:



a.



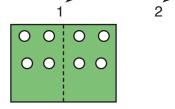
C.



d.



C-103





b.



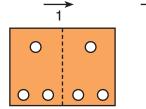
C.



d.



C-104



2



b



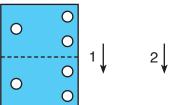
C.



d.



C-105





b.

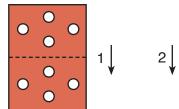


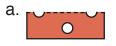
0

C.



C-106





b.



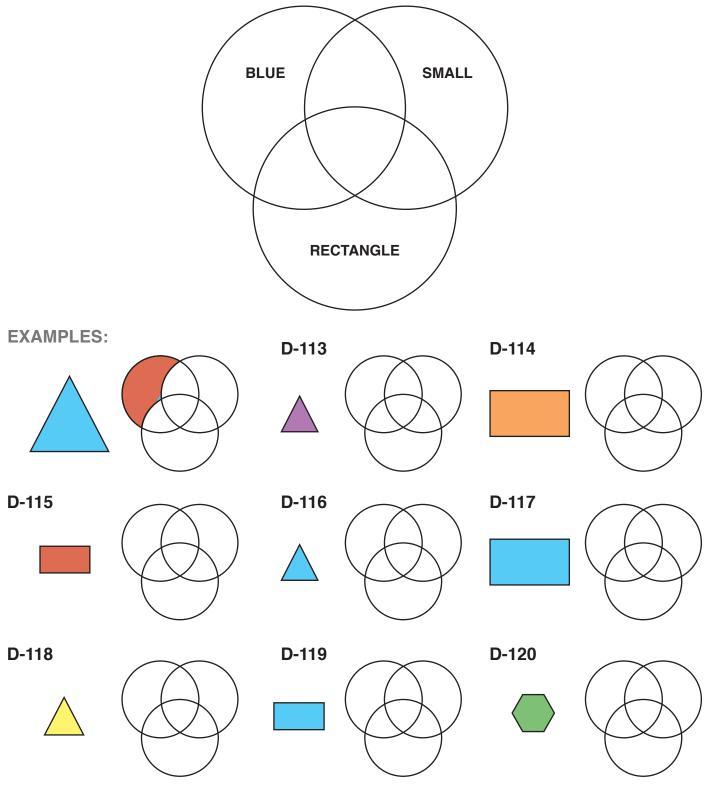
С



d. 0 0

OVERLAPPING CLASSES - INTERSECTIONS

DIRECTIONS: Darken the region of each diagram to which each figure belongs.



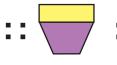
COMPLETE FIGURAL ANALOGIES

DIRECTIONS: Circle the figure that completes the analogy.





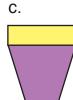




a.



b.



d.



E-23







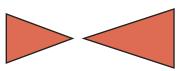
a.



b.

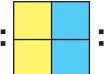


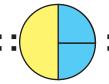
d.



E-24







a.

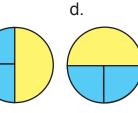


b.



C.

C.



E-25









a.



b.

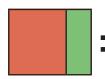




d.



E-26







a.



b.



C.

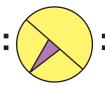


d.

d.

















DESCRIBING OCCUPATIONS

DIRECTIONS: Write the word that fits the description.

F-69



carpenter



electrician



plumbe

- **A.** This worker installs and repairs the water and sewer systems in buildings.
- **B.** This worker builds and repairs the walls, floors, doors, and shelves in buildings and homes.

F-70



nurse



pharmacist



physical therapist

- **A.** This health worker helps injured people strengthen their bodies and regain function after surgery.
- **B.** This health worker dispenses the medicine that doctors order for their patients.

F-71



bank teller



librarian



sales clerk

- **A.** This worker helps customers find or pay for merchandise in a store.
- **B.** This worker helps customers find or borrow books and use computers to find information.

EXPLAINING SIMILARITIES - ANIMALS

DIRECTIONS: Circle the animal that is most like the animal on the left. Explain how they are alike and why the other animals are different.

G-4



flea



ant



mosquito



tick

G-5



tuna



cat fish



bass



shark

G-6



crab



lobster



eel



scorpion

G-7



mouse



gerbil



prairie dog



squirrel

HOW ALIKE?

DIRECTIONS: Each line contains two words related to science that are similar. Circle the sentence(s) that can be true of both words.

G-164 noise a. Both are caused by vibrations.

sound b. Both can be heard.

c. Both are never pleasant.

G-165 root a. Both are parts of a plant.

stem b. Both are above ground.

c. Some kinds of each can be eaten.

G-166 lever a. Both are simple machines.

pulley b. Both need ropes or strings.

c. Both can make work easier.

G-167 frog a. Both have backbones.

snake b. Both are reptiles.

c. Both are amphibians.

G-168 corn a. Both are grasses.

wheat b. Both are grains.

c. Both can be eaten.

G-169 ice a. Both are solid.

cloud b. Both are forms of water.

c. Both take up space.

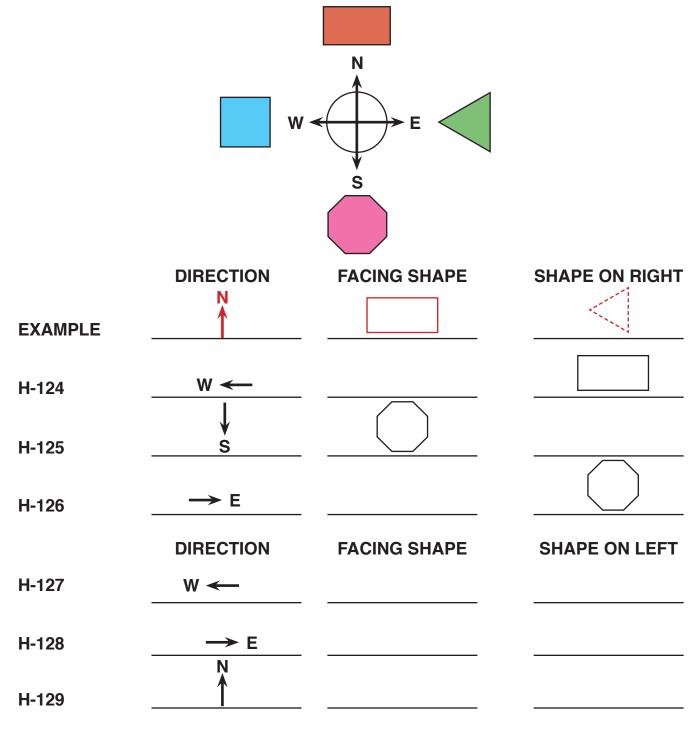
SEQUENCING BY SIZE, AMOUNT, OR DEGREE

DIRECTIONS: The words in each group suggest a sequence of size, amount, or degree. Write the word that will come next in the sequence.

H-9	chilly, frosty,	brisk	cool	freezing
H-10	ahead, beside,	behind	beneath	between
H-11	hint, ask,	demand	request	suggest
H-12	sad, depressed,	hopeless	sorry	unhappy
H-13	scarce, adequate,	enough	few	plenty
H-14	satisfactory, admirable,	average	ordinary	excellent
H-15	mist, rain,	downpour	drizzle	fog
H-16	gently, firm,	harsh	mild	tender
H-17	exact, similar,	alike	different	identical
H-18	asleep, calm, active,	excited	quiet	resting
H-19	incomplete, poor,	careless	average	worthless
H-20	shy, fearful,	bashful	coy	terrified
H-21	fatigued, weary,	drained	exhausted	spry
H-22	bothered, displeased,	forgiving	confused	disgusted

RECOGNIZING DIRECTION

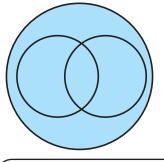
DIRECTIONS: Imagine that you are standing in the circle below, facing North (N), West (W), South (S), or East (E). Draw the shape you are facing or the shape on your right. For example, if you are facing north (N), as shown in the example, then the rectangle is straight ahead and the triangle is on your right. Trace the triangle in the blank in the first row. Next, imagine that you are facing west (W); draw the missing shape in the blank in the second row.



USING CIRCLE DIAGRAMS TO SHOW CLASSES

DIRECTIONS: Draw a line from the group of words to the diagram that shows the correct relationship. Use the abbreviation to label the diagram correctly.

a.



I-160

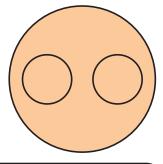
Food (Fo)

Food that grows on vines (Fv)

Fruit (Fr)

Fruit that grows on vines (Frv)

b.



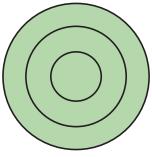
I-161

Food (Fo)

Fruit (Fr)

Oranges (O)

C.



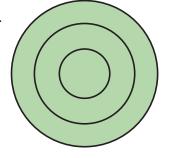
I-162

Food (Fo)

Fruit (Fr)

Vegetables (V)

a.



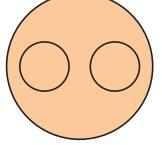
I-163

Birds (B)

Chickens (C)

Ducks (D)

b.



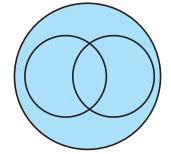
I-164

Birds (B)

Ducks (D)

Water Birds (WB)

C.



I-165

Reptiles (R)

Venomous Reptiles (VR)

Snakes (S)

Venomous Snakes (VS)

COMPLETE THE ANALOGY—ACTION

DIRECTIONS: Write the word that completes the analogy.

J-73	surgeon : operates :: mechanic :	cuts	removes	repairs
J-74	vein : carries :: heart :	protects	pumps	stores
J-75	demonstration : shows :: novel :	displays	opens	tells
J-76	boxer : fights :: priest :	builds	prays	sings
J-77	elastic : stretches :: balloon :	deflates	expands	secures
J-78	joke : amuses :: lesson :	entertains	informs	tests
J-79	conductor : directs :: orchestra :	guides	plays	sings
J-80	attorney : defends :: jury :	assists	decides	reads
J-81	insult : offends :: compliment :	hurts	pleases	saddens
J-82	guard : protects :: signal :	starts	stops	warns
J-83	doctor : prescribes :: pharmacist :	buys	dispenses	treats
J-84	news : informs :: comedy :	entertains	frightens	teaches
J-85	needle : sticks :: blade :	builds	cuts	hits
J-86	building : shelters :: vehicle :	carries	comforts	shades

EXPLAIN THE ANALOGY

DIRECTIONS: Explain the relationship between words in each pair.

J-146	wick : candle :: bulb : lamp
J-147	budget : money :: schedule : time
J-148	even : smooth :: coarse : rough
J-149	hook : hang :: anchor : hold
J-150	advance : retreat :: forward : backward
J-151	dial : radio :: switch : lamp
J-152	cloth : wash :: towel : dry
J-153	fly : sky :: float : water
J-154	ballot : vote :: check : pay
J-155	yam : potato :: lima : bean