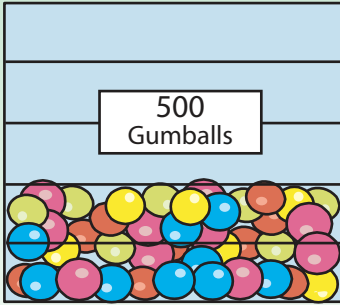


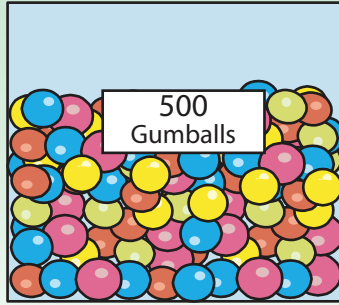
Using the objects on the previous page, circle or write the correct answer.

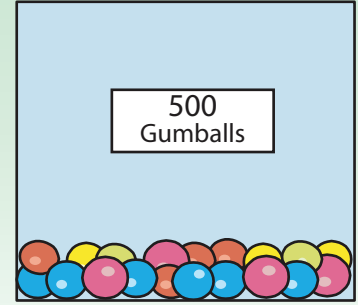
1. Which is shorter? 1 inch or 1 centimeter
2. Which is longer? 20 centimeters or 9 inches
3. Which is shorter? 12 centimeters or 8 inches
4. How many inches long is the black swordfish? _____
5. How many centimeters long is the black swordfish? _____
6. Draw a swordfish that is longer than 3 inches but shorter than 16 centimeters.
7. Circle the longest swordfish.
8. Draw an X on the shortest swordfish.

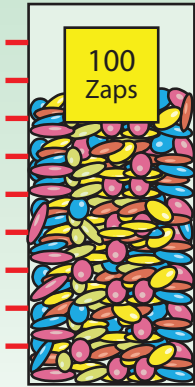


Each container holds the amount shown, if it is full. Estimate how **many candies are in each container.**

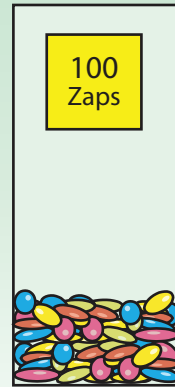


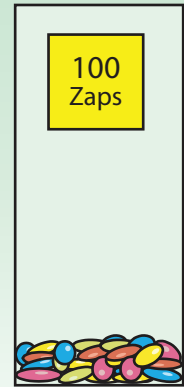




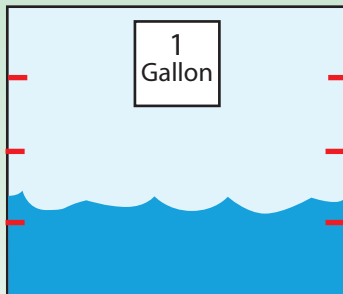




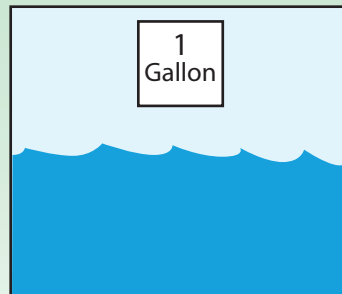


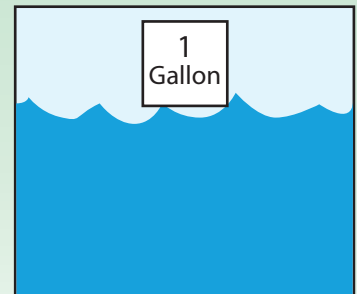


Estimate the fraction of a **gallon** in each container.








$\frac{1}{4}$





$\frac{4}{4}$

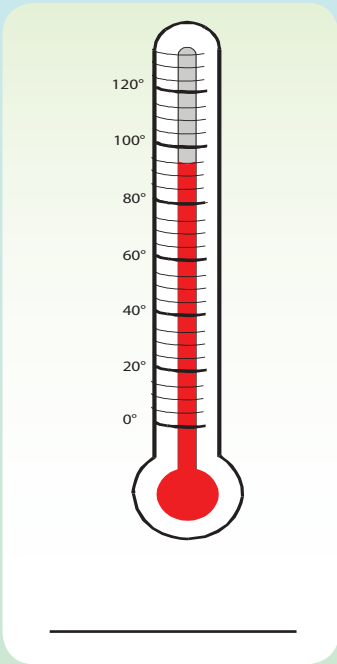
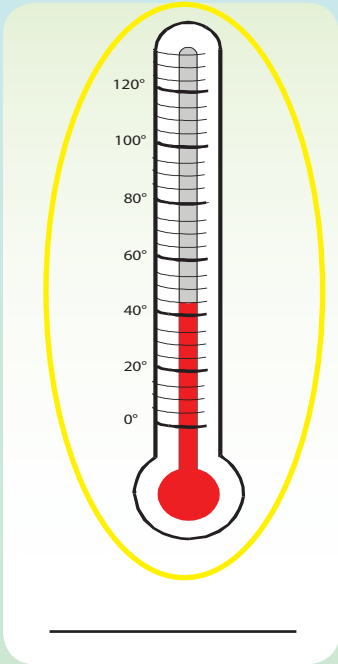
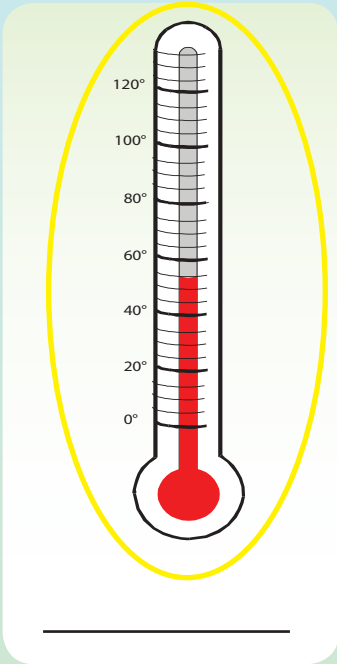
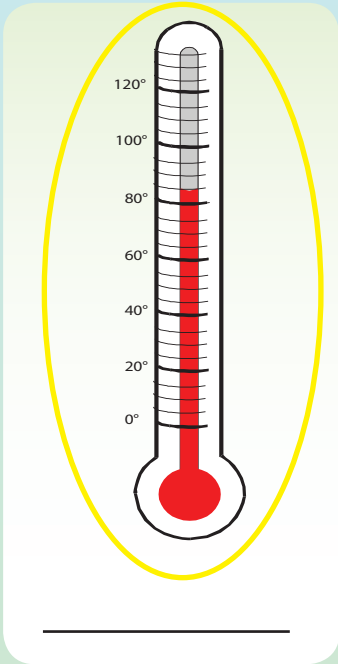
Complete the polygon diagram by writing "yes" or "no" in the boxes.

NAME	EXAMPLE	OPEN OR CLOSED SHAPE	STRAIGHT LINE SEGMENTS	CURVED LINE SEGMENTS	NUMBER OF SIDES	NUMBER OF ANGLES
Triangle						
Quadrilateral						
Pentagon						
Hexagon						
Octagon						

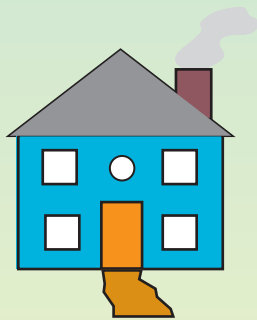
Use the diagram to help you answer the true or false questions.

1. A triangle has more angles than sides. True False
2. A hexagon is a closed shape with more than 5 sides. True False
3. A pentagon has fewer sides and angles than a quadrilateral. True False

Write the Fahrenheit temperature that each of the thermometers shows. Then draw a line segment from each temperature to the picture that is the best match.



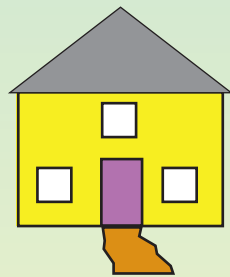
My house



Jacob's house



Lisa's house



Bart's house

My house is colder than Jacob's.

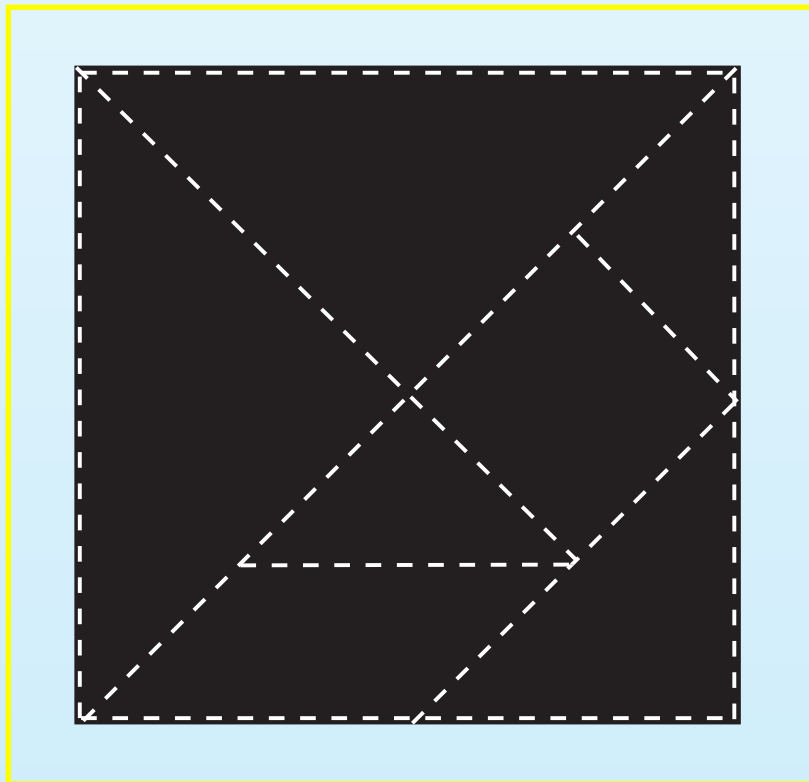
Jacob's house is colder than Lisa's house.

Lisa's house is warmer than my house.

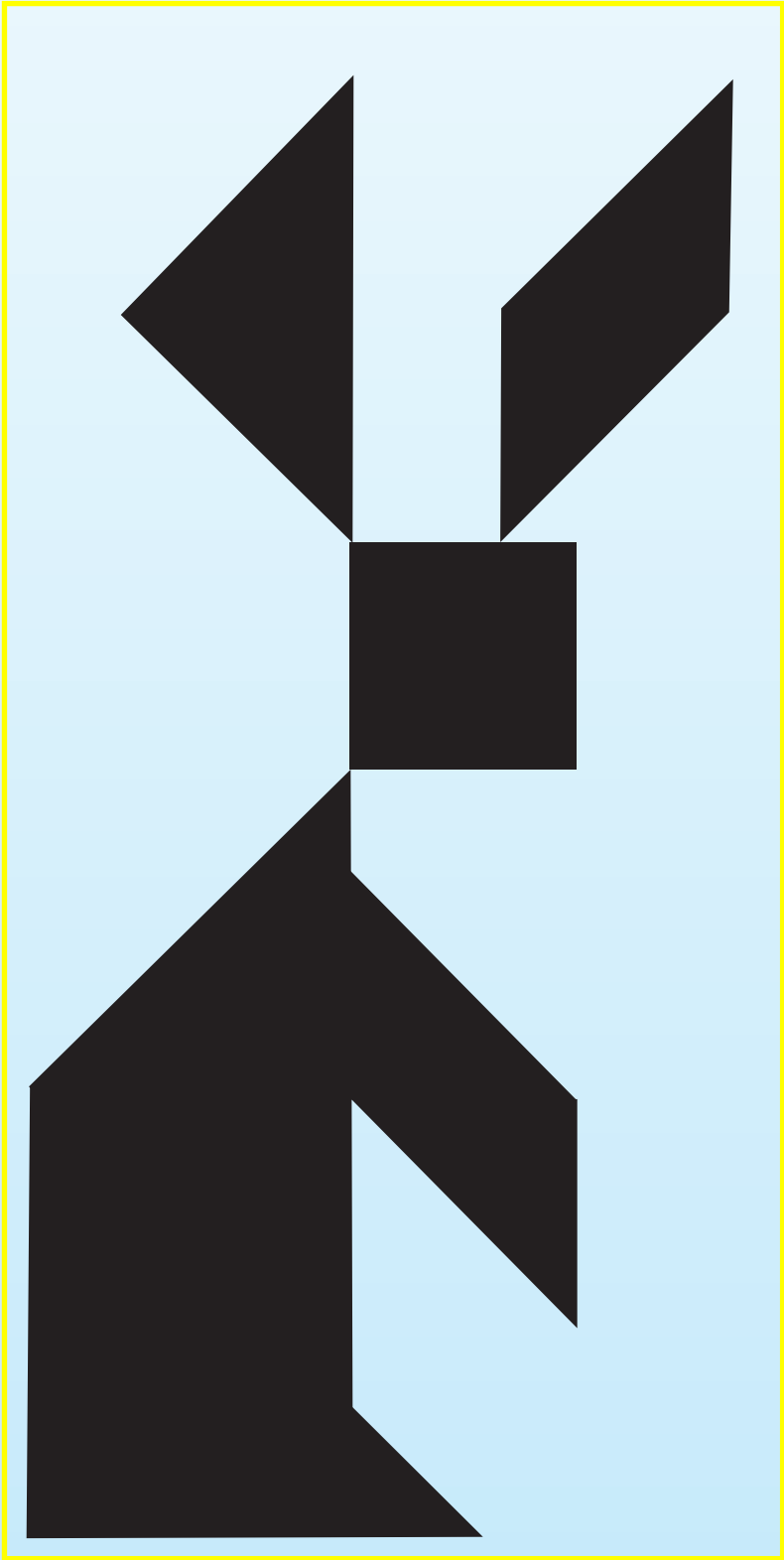
Bart's house is the coldest because it has no heat.

Tangram Puzzles

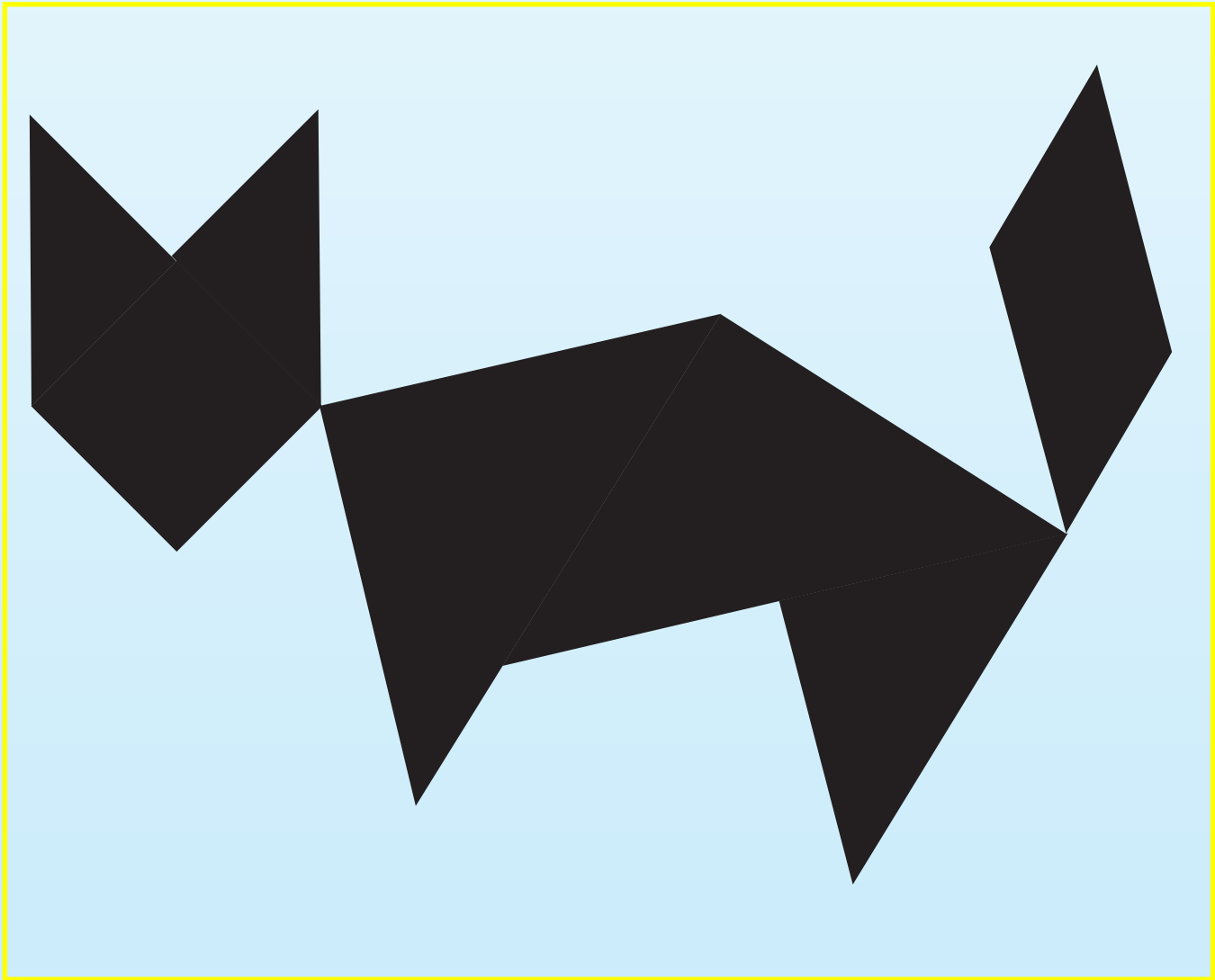
A tangram is made up of seven pieces (called tans). Copy or cut out the seven pieces below to see if you can make the designs on the next four pages. The image below can also be glued to cardboard and then cut out if you prefer sturdier pieces. When creating the designs, the pieces may not overlap but may be turned over. An extra tangram can be found on page 309.



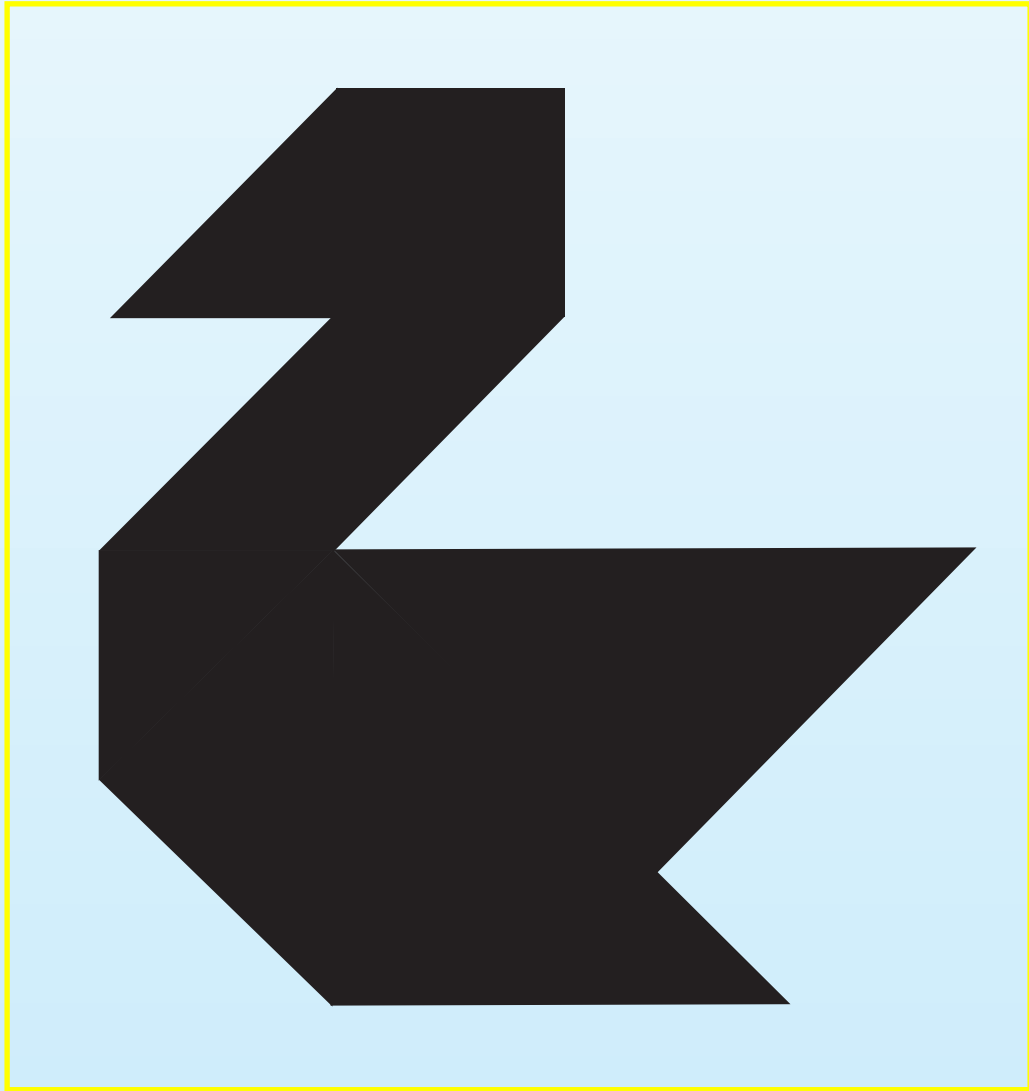
Use all seven tangram pieces to make a copy of this shape.



Use all seven tangram pieces to make a copy of this shape.



Use all seven tangram pieces to make a copy of this shape.



Use all seven tangram pieces to make a copy of this shape.



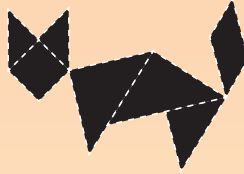
Now make up a figure of your own using all seven pieces and show it to someone.

- Page 61** 200; 350; 100
75 or 80; 50; 25; 10
 $\frac{1}{1}$; $\frac{1}{2}$; $\frac{3}{4}$
- Page 62** See Page.
- Page 63** See Page.
- Page 64** See Page. Multiple Solutions.
- Page 65** 44; 63; 88; 67; 95; 59; 89; 65; 79; 79; 59
- Page 66** 35; 54; 67; 46; 66; 57; 69; 88; 64; 78; 76; 99; 97; 72; 33; 99; 98; 59; 92; 25; 65; 99; 89; 0
- Page 67** Train
- Page 68** See Page.
- Page 69** See Page.
- Page 70** See Page. Multiple Solutions.
- Page 71** Counting by: 10s or tens, 20s or twenties, and 100s or hundreds; 1. 100; 2. six 20s; 3. 140; 4. 160; 5. 170; 6. 230; 7. 100; 8. 200; 9. 300
- Page 72** 1. 199; 2. 100 (or 002); 3. 99, 88, 77, 66, 55, 44, 33, 22, 11 (00); 4. 99; 5. 66, 44 (or 22); 6. no
- Page 73** 1. first; 2. eighth; 3. tenth; 4. fourteenth; 5. twentieth; 6. eighteenth
- Page 74** See Page. Multiple Solutions.
- Page 75** See Page. Multiple Solutions.
- Page 76** 6,7,8; 11,13,15; 12,14,16; 18,21,24; 24,28,32; 30,35,40; 36,42,48; 42,49,56; 48,56,64; 54,63,72; 60,70,80
- Page 77** 76; 74; 88; 69; 77; 67; 97; 79; 79; 88; 99
- Page 78** 37; 92; 68; 39; 64; 99; 49; 38; 49; 76; 94; 89; 79; 99; 68; 39; 75; 39; 22; 49
- Page 79** Snail
- Page 80** Multiple Solutions. Example: Yellow because there are more yellow squares.
- Page 81** Used by student to complete previous page.
- Page 82** **Triangle:** closed, yes, no, 3, 3; **Quadrilateral:** closed, yes, no, 4, 4; **Pentagon:** closed, yes, no, 5, 5; **Hexagon:** closed, yes, no, 6, 6; **Octagon:** closed, yes, no, 8, 8; 1. False; 2. True; 3. False
- Page 83** 14-10=4; 10-10=0; 22-10=12; 31-10=21; 12-10=2; 40-10=30
- Page 84** 25+2=27; 11+8=19; 32+7=39; 80+8=88; 21+8=29; 42+7=49; 50+9=59; 0+49=49; 71+7=78; 32+16=48; 28+60=88; 51+48=99; 24+13=37; 32+5=37; 28+21=49; 33+66=99; 27+50=77; 34+35=69; 51+18=69; 62+25=87; 36+41=77; 12+17=29; 13+22=35; 90+8=98; 61+18=79; 54+12=66; 45+14=59; 21+40=61; 60+12=72; 18+31=49
- Page 85** Hot-air Balloon
- Page 86** Made with straight line segments; Closed figure; 3 or more sides
- Page 87** 1. False; 2. False; 3. True; 4. True; 5. False; 6. True; 7. True; 8. True; 9. False; 10. True

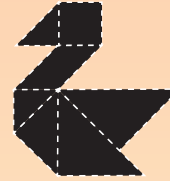
Page 201



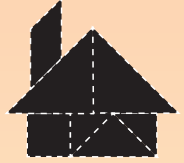
Page 202



Page 203



Page 204



Page 205 $42 - 22 = 20$; $67 + 31 = 98$; $64 - 41 = 23$

Page 206 56; 54

Page 207 175, 100, 300, 100; 100, 0, 80, 20, 10; $\frac{4}{4}$ or 1, $\frac{1}{2}$ or $\frac{2}{4}$, $\frac{3}{4}$, $\frac{1}{4}$

Page 208 See Page. Multiple Solutions. Examples: one open figure; 3 is not a 2 digit; W looks like a letter; 1 is an odd number

Page 209 See Page. Multiple Solutions. Examples: $2=1+1$, $2=0+2$, $2=1+1$; $3=0+3$; $3=3+0$, $3=1+2$, $3=2+1$; $4=4+0$, $4=0+4$, $4=1+3$, $4=3+1$, $4=2+2$; $5=0+5$, $5=5+0$, $5=1+4$, $5=4+1$, $5=2+3$, $5=3+2$; $6=6+0$, $6=0+6$, $6=5+1$, $6=1+5$, $6=4+2$, $6=2+4$, $6=3+3$

Page 210 See Page.

Page 211 $3 \times 5 = 15$; $5 \times 2 = 10$; $9 \times 10 = 90$

Page 212 30, 60, $30+60=90$; 70, 20, $70+20=90$; 20, 70, $20+70=90$; 50, 40, $50+40=90$; 70, 20, $70+20=90$; 50, 40, $50+40=90$; 30, 10, $30+10=40$

Page 213 See Page. Multiple Solutions. Examples: The square looked smaller than the rest. In all of the other circles, the segment goes through the center. This is the only one that is not a letter. All of the other ones have a straight line segment in them. This is the only circle.

Page 214 Minutes; Minutes; Days

Page 215 1. Yes; 2. No; 3. No; 4. No; 5. Yes; 6. No; 7. Yes; 8. No; 9. No; 10. Yes

Page 216 **40:** I subtracted 50 from 90 since 48 is about 50 and 92 is about 90. I knew to subtract because some books were taken away. **40:** 11 is about 10. 8 is about 10. 19 is about 20. I added $10+10+20=40$. **60:** 11 cars is about 10. 4 wheels on each car means there are about 40 car wheels. 6 motorcycles is about 10. 2 wheels on each motorcycle means there are 20 motorcycle wheels. $40+20=60$.

Page 217 $2 \times 7 = 14$ or $7 \times 2 = 14$; $3 \times 6 = 18$ or $6 \times 3 = 18$; $4 \times 20 = 80$ or $20 \times 4 = 80$

Page 218 1. girl, 6 in 10, boy is 4 or girl is 6; 2. See Page.

Page 219 1. 145; 2. 25; 3. Bus; 4. Skateboard and Scooter

Page 220 1. — 6. See Page. 7. Room 4 in Hallway D; 8. Room 2 in Hallway B

Page 221

5	14	10
X 4	X 2	X 8
20	28	80

Page 222 fifteen; seventeen; twenty; forty; fifty

Page 223 twelve; eleven; thirteen; eighteen; sixteen; fourteen; nineteen