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Horizons Math 5, Student Workbook 2 3

## 3 The table below is missing information. Fill in the missing facts. If you need help, refer to Lesson 71.

G	eometry Terms	Geometry in Pictures	Geometry in Symbols	Geometry in words			
	Point	К	К				
	Line	D E		Line DE			
		S T	ST	Line Segment ST			
	Ray		XŶ	Ray XY Always name the endpoint first.			
	Plane	R	Plane R				
4	Match.						
	<sup>B.C.</sup> A.D. decade century millennium	1,000 years Before Christ 100 years Anno Domini (in the year of our Lord) 10 years					
5	Divide.						
	8)59	6)38 9)	88 4)39	5)17			

6 In the puzzle there are at least 20 numbers that when rounded become 100. Can you find them all? You may find numbers horizontally and vertically, but not diagonally. Circle the numbers in the puzzle and write them on the lines provided. Some numbers may appear more than once.

1	2	1	9	9
3	8	4	2	1
8	7	9	0	3
1	1	1	9	3
0	0	0	8	7


7 Write subtraction problems with the answers given. There are many possible answers. The first one has been done for you.



## **Congruent Segments**





Name one pair of congruent line segments.

Name one pair of congruent angles.

Name two pair of congruent polygons.





- 1. Candy bars are 75 cents a piece. If Brian has \$6.75, how many candy bars can he buy?
- 2. Mrs. Taylor bought 25 pencils for \$1.25. How much did the pencils cost a piece?
- 3. Trixie, Pauline, and Becky earned \$22.50 for babysitting. If they split the amount three ways, how much will each girl receive?
- 4. Brookwood Elementary had a talent show put on by their teachers. The students came to see their teachers by the hundreds. The talent show earned the school \$570.00. If they wanted to divide their profits equally between three charities, how much would each charity receive?
- Use the dart board to answer the questions below.

- 1. Steve threw three darts. Each dart hit a different ring for a total of 22 points. Where did each dart land?
- 2. Andrew threw three darts and they all landed on the same ring for a total of 21 points. Where did the darts land?

4 5 7

- 3. Peter had the highest score of all three boys. He had 23 points. Where did his three darts land?
- 4. What is the lowest score possible for three darts?
- 5. What is the highest score possible for three darts?



5

6









## Similar Figures

Use the dots below to help you draw a figure that is similar to the one drawn. Also, draw a figure that is congruent to the figure shown.

1