Name: _____

1. **Vocabulary** Explain how fractions, decimals, and percents are related. *Lesson 6-2*

2. Draw a line to match each fraction to the equivalent percent. *Lessons 6-1 and 6-3*

$\frac{4}{5}$ 35%

$\frac{7}{20}$ 2.5%

$\frac{9}{4}$ 80%

$\frac{25}{1,000}$ 225%

3. Which number is equivalent to 40%? Select all that apply. *Lesson 6-2*

☐ $\frac{40}{100}$ ☐ 0.04   ☐ 0.4

☐ $\frac{2}{5}$ ☐ 40

4. Complete the table. *Lessons 6-2 and 6-3*

Percent	Fraction	Decimal
70%		
		1.25
	$\frac{11}{20}$	
0.2%		

5. A basketball player made 17 out of 20 free throws at practice. What percent of the free throws did the player miss? *Lesson 6-1*

6. A section of rope 5 inches long represents 20% of the length of the entire rope. How long is the rope? *Lesson 6-1*

How well did you do on the mid-topic checkpoint? Fill in the stars. ☆ ☆ ☆

MID-TOPIC PERFORMANCE TASK

The students in Mr. Anderson's class conducted a survey of 1,000 people. They asked each person to name his or her favorite color. The results are shown in the table.

Color	Number
Blue	450
Red	300
Orange	50
Yellow	10
White	5

PART A

Complete the table to write each result as a fraction, a decimal, and a percent.

Color	Number	Fraction	Decimal	Percent
Blue	450			
Red	300			
Orange	50			
Yellow	10			
White	5			

PART B

Green was chosen by 18% of the people. Which number is equivalent to 18%? Select all that apply.

☐ $\frac{18}{1,000}$

☐ 0.18

☐ $\frac{9}{5}$

☐ $\frac{18}{100}$

☐ 0.018

PART C

Cecilia noticed that not all of the survey responses were recorded in the table. What percent of the responses were not recorded in the table? Explain.