**Ready® Mathematics**

Lesson 1   Quiz

Solve the problems.

**1** This grid represents 1 whole. Shade the grid to model 0.3.
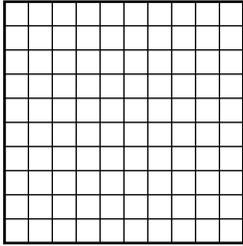
2 Fill in the blanks to complete the statements about the numbers 0.04 and 0.004.

In 0.04, the digit 4 is in the _____ place.

In 0.004, the digit 4 is in the _____ place.

The digit 4 has a greater value in _____ because its value is

_____ as much as its value in _____ .

3 Erik draws these models to show 0.7 and 0.07.
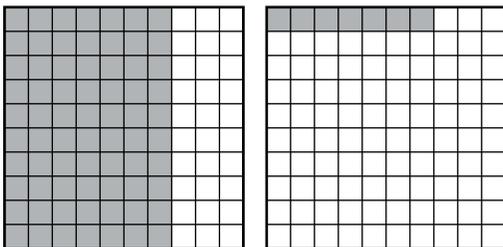
Which division equation represents the relationship between the numbers?

A   0.7 ÷ 100 = 0.07

B   0.07 ÷ 100 = 0.7

C   0.7 ÷ 10 = 0.07

D   0.07 ÷ 10 = 0.7

1
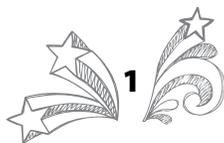
Lesson 1 Quiz continued

4 Fill in the numbers missing from these patterns.

Multiply by 10:

0.003, _____, 0.3, _____, 30, 300

Divide by 10:

800, _____, 8, 0.8, 0.08, _____

5 A quarter has a mass of 0.006 kg, a tennis ball has a mass of 0.06 kg, and a basketball has a mass of 0.6 kg.

Part A

Complete the place-value chart by writing in each measurement in kilograms.

Object	Ones	.	Tenths	Hundredths	Thousandths
Quarter	0	.	0	_____	_____
Tennis ball	0	.	_____	_____	_____
Basketball	0	.	_____	_____	_____

Part B

Choose a phrase or number from the box to fill in the blanks to compare the measurements of the objects. Answer choices may be used more than once.

1000 times   100 times   10 times   one tenth   one hundredth   one thousandth

The mass of the quarter is _____ the mass of the tennis ball.

The mass of the tennis ball is _____ the mass of the basketball.

This means that the mass of the quarter is _____ the mass of the basketball.

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