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Grade 5, Unit 4, Section B: Additional Practice Problems

1. 360 pencils make bundles of 12.
 - a. Select the correct division expression that represents the situation.
 - A. $12 \div 360$
 - B. $360 \div 12$
 - C. $36 \div 12$
 - D. $12 \div 36$
 - b. How many pencils are in each bundle?
 - c. Explain or show your reasoning.

(From Unit 4 Lesson 10.)

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2. a. For each expression, choose three partial quotients below that would allow you to calculate the expression.

$630 \div 14$	$910 \div 14$

- $28 \div 14$
- $42 \div 14$
- $56 \div 14$
- $420 \div 14$
- $700 \div 14$

- $280 \div 14$
- $140 \div 14$
- $154 \div 14$
- $168 \div 14$
- $280 \div 14$

- b. Find the value of each expression.

$$630 \div 14$$

$$910 \div 14$$

(From Unit 4, Lesson 11.)

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3. Fill in the blank to complete the equation using partial products.

$$\begin{array}{r}
 \boxed{} \\
 1 \\
 6 \\
 30 \\
 \hline
 15 \overline{) 555} \\
 - \boxed{} \quad (30 \times \boxed{}) \\
 \hline
 \boxed{} \\
 - \boxed{} \quad (6 \times \boxed{}) \\
 \hline
 \boxed{} \\
 - \boxed{} \quad (1 \times \boxed{}) \\
 \hline
 0
 \end{array}$$

(From Unit 4, Lesson 12.)

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4. Estimate the value of the quotient $924 \div 33$. Explain your reasoning.

(From Unit 4, Lesson 13.)

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5. Find the value of each expression. Show your thinking.

a. $782 \div 17 =$ _____

b. $1,295 \div 37 =$ _____

c. $1,425 \div 57 =$ _____

(From Unit 4, Lesson 14.)

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6. Priya has designed some rectangular prism-shaped boxes. Find the missing side lengths of each box.

volume (cubic inches)	length (inches)	width (inches)	height (inches)
798		19	6
1,728	4	36	
1,456	13		8

(From Unit 4, Lesson 15.)

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7. EXPLORATION

Jada plans to build a rectangular prism-shaped swimming pool with a capacity of 15,050 gallons. If each gallon of water is approximately 7 cubic feet, what size pool could Jada build? Explain your reasoning.