Teacher Guide

Decimal Quiz (TG)
Questions 1–10

1. $0.222 < 0.4 < 0.47 < 1.03$

2. **A.** 0.462   **B.** 0.43

3. 5.202

4. 3.858.

Estimates will vary for Questions 5–7.

5. 3.56 is close to 4 and .5 is $\frac{1}{2}$. Therefore, the product should be close to 2.

6. 12.67 is close to 13 and 0.9 is close to 1. Therefore, the product should be close to 13.

7. 0.8 is close to 1. The quotient will be a little more than 2.

8. 10.35
$$\begin{array}{r} 6.9 \\ \times\, 1.5 \\ \hline 45 \\ 300 \\ 90 \\ 600 \\ \hline 10.35 \end{array}$$

9. 2.835
$$\begin{array}{r} 9.45 \\ \times\, 0.3 \\ \hline 15 \\ 120 \\ 2700 \\ \hline 2.835 \end{array}$$

10. Strategies will vary. Possible solution: Multiply the divided and divisor by 10.

$(1.8 \times 10) \div (0.3 \times 10) = 18 \div 3 = 6$

Name _____   Date _____

Decimal Quiz

1. Place these decimals in order from smallest to largest: 1.03, 0.222, 0.4, 0.47

2. **A.** Write $\frac{426}{1000}$ as a decimal. _____
   B. Round the decimal in Question 2A to the nearest hundredth. _____

3. Add: $4.53 + 0.672$ 4. Subtract: $4.53 - 0.672$

Estimate the answer to the following problems. Explain your estimates.

5. $3.56 \times .5$

6. 12.67×0.9

7. $2 \div 0.8$

Use a paper-and-pencil method to solve the following problems.

8. $6.9 \times 1.5 =$ 9. $9.45 \times 0.3 =$

10. Use any strategy to solve $1.8 \div 0.3$.

TG · Grade 5 · Unit 8 · Lesson 11   **Assessment Master**

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