

Name \_\_\_\_\_

**Multiply Decimals****COMMON CORE STANDARD—6.NS.3***Compute fluently with multi-digit numbers and find common factors and multiples.***Estimate. Then find the product.**

1.  $5.69 \times 7.8$

$6 \times 8 = 48$

$$\begin{array}{r}
 5.69 \\
 \times 7.8 \\
 \hline
 4552 \\
 39830 \\
 \hline
 44.382
 \end{array}$$

2.  $4.8 \times 1.7$

3.  $3.92 \times 0.051$

4.  $2.365 \times 12.4$

5.  $305.08 \times 1.5$

6.  $61.8 \times 1.7$

7.  $35.80 \times 5.6$

8.  $1.9 \times 8.43$

**Evaluate the expression using the order of operations.**

9.  $(13.1 \times 3) + 5.21$

10.  $4 \times (15 - 4.55)$

11.  $20.5 - (2 \times 8.1)$

**Problem Solving**

12. Blaine exchanges \$100 for yen before going to Japan. If each U.S. dollar is worth 88.353 yen, how many yen should Blaine receive?

13. A camera costs 115 Canadian dollars. If each Canadian dollar is worth 0.952 U.S. dollars, how much will the camera cost in U.S. dollars?

## Lesson Check (6.NS.3)

Estimate each product. Then find the exact product for each question.

1. A gallon of water at room temperature weighs about 8.35 pounds. Lena puts 4.5 gallons in a bucket. How much does the water weigh?
2. Shawn's mobile home is 7.2 meters wide and 19.5 meters long. What is its area?

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## Spiral Review (5.NBT.6, 5.OA.1, 6.NS.4)

3. Last week, a store sold laptops worth a total of \$10,885. Each laptop cost \$1,555. How many laptops did the store sell last week?
4. Kyle drives his truck 429 miles on 33 gallons of gas. How many miles can Kyle drive on 1 gallon of gas?

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5. Seven busloads each carrying 35 students arrived at the game, joining 23 students who were already there. Evaluate the expression  $23 + 7 \times 35$  to find the total number of students at the game.
6. A store is giving away a \$10 coupon to every 7th person to enter the store and a \$25 coupon to every 18th person to enter the store. Which person will be the first to get both coupons?

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