# NTID

# Mrs. Lafferty

# 6th Grade

# Week: 5

Day 21

# Lesson 10   Reteach

*Subtract Decimals*

**Find 26.82 – 12.15.**

| Step 1<br><br>26.82<br>–12.15 | Line up the decimal points. Write an equivalent decimal if necessary. |
|---|---|
| Step 2      7 12<br>26.8̶2̶<br>–12.15<br>14.67 | Subtract as you would subtract whole numbers. Regroup if necessary. |
| Step 3      7 12<br>26.8̶2̶<br>–12.15<br>14.67 | Place the decimal point.<br><br>So, 26.82 – 12.15 = 14.67. |

**Subtract.**

1. $6.6 - 4.2 =$ _____

2. $5 - 3.12 =$ _____

3. $83.4 - 14.6 =$ _____

4. $75.23 - 50.09 =$ _____

5. $48.49 - 18.2 =$ _____

6. $9 - 7.7 =$ _____

7. $18.59 - 17.83 =$ _____

8. $0.62 - 0.35 =$ _____

9. $12.00 - 9.93 =$ _____

10.  5.75
    $-3.47$

11.  20
    $-2.06$

12.  3.28
    $-2.7$

13.  7.5
    $-4.73$

14.  2.56
    $-1.06$

15.  28.63
    $-9.51$

Name _____ Date _____

# Lesson 10   Enrich

*Subtract Decimals*

Dollars, dimes, and pennies can be used like base-ten blocks to model decimal subtraction. A dollar represents ones. A dime is one-tenth of a dollar, so dimes represent tenths. A penny is one-hundredth of a dollar, so pennies represent hundredths.

**Use the place-value chart to draw dollars, dimes, and pennies to solve the exercises below.**

| Dollars | Dimes | Pennies |
|---------|-------|---------|
|         |       |         |
|         |       |         |
|         |       |         |
|         |       |         |
|         |       |         |

1. Amelia has $2.48. She gives her brother $0.50. How much money does Amelia have left?

   _____

2. Raymond has $1.73. He spends $1.06 to buy a card. How much money does he have left?

   _____

3. Alexa has $4.29. She gives her cousin $0.35. How much money does Alexa have left?

   _____

4. Rick has $5.28 and spends $3.62 to buy a pack of trading cards. How much money does he have left?
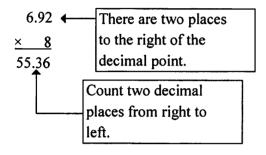
   _____

Name _____Date _____

# Lesson 3  Reteach

Day 23

*Multiply Decimals by Whole Numbers*

Multiply a decimal by a whole number by counting decimals.

**Find 6.92 × 8.**

**Estimate** 6.92 × 8 → 7 × 8 or 56

6.92 ←—— There are two places
× 8        to the right of the
55.36      decimal point.

Count two decimal
places from right to
left.

The product is 55.36.

**Check for reasonableness.**

Compare 55.36 to the estimate. 55.36 ≈ 56

**Multiply.**

**1.** 0.85 × 4 = _____

**2.** 5 × 3.12 = _____

**3.** 2 × 2.6 = _____

**4.** 8 × 0.79 = _____

**5.** 2 × 6.58 = _____

**6.** 9 × 7.7 = _____

**7.** 0.6 × 5 = _____

**8.** 3 × 2.4 = _____

**9.** 6 × 0.78 = _____

**10.** 2 × 1.38 = _____

**11.** 3.6 × 4 = _____

**12.** 5 × 1.2 = _____

Name _____ Date _____

# Lesson 3   Enrich

Day 24

*Multiply Decimals by Whole Numbers*

**Multiply. Write the product, one digit on each answer line.**

**A.** $5 \times 0.7$
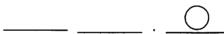
_____ . ◯

**C.** $0.77 \times 5$

_____ . ◯ _____

**E.** $3 \times 1.4$

◯ . _____

**I.** $6 \times 1.5$

◯ _____

**L.** $1.9 \times 8$

_____ _____ . ◯

**M.** $0.9 \times 4$

_____ . ◯

**N.** $2.6 \times 9$

_____ ◯ . _____

**O.** $1.75 \times 6$

◯ _____ . _____

**P.** $3 \times 0.04$

◯ . _____ _____

**T.** $0.26 \times 3$

_____ . ◯ _____

**Use the problems above to solve the riddle. Match the circled digit with one in the box below. Write the letter that comes before the problem above the matching digit.**

On what mountain would you expect to find a mathematician?

On D $\dfrac{}{4}$ $\dfrac{}{8}$ $\dfrac{}{9}$ $\dfrac{}{6}$ $\dfrac{}{5}$ $\dfrac{}{2}$ $\dfrac{}{0}$ $\dfrac{}{1}$ $\dfrac{}{9}$ $\dfrac{}{3}$ $\dfrac{}{7}$

Name _____ Date _____

# Lesson 5   Reteach

*Day 25*

*Multiply Decimals*

**Find 4.7 × 1.8.**

**Estimate** 4.7 × 1.8 → 5 × 2 or 10

Multiply.

$$
\begin{array}{r}
5 \\
4.7 \leftarrow \text{one decimal place} \\
\times\,1.8 \leftarrow \text{one decimal place} \\
\hline
376 \\
+\,470 \\
\hline
846
\end{array}
$$

8.46    Count two decimal places from the right and place the decimal point.

So, 4.7 × 1.8 = 8.46.

**Check for reasonableness.**

10 ≈ 8.46

**Multiply.**

**1.** 1.6 × 4.3 = _____

**2.** 0.5 × 0.7 = _____

**3.** 1.2 × 2.8 = _____

**4.** 3.3 × 0.75 = _____

**5.** 2.07 × 9.1 = _____

**6.** 4.15 × 7.2 = _____

**7.** 0.4 × 0.6 = _____

**8.** 1.5 × 2.2 = _____

**9.** 0.7 × 3.6 = _____

**10.** 0.78 × 9.1 = _____

**11.** 2.4 × 3.43 = _____

**12.** 3.2 × 0.05 = _____