

## Lesson 9 Textbook

### Part 1

Copy and complete the equation for each pair of equivalent fractions.

((2<sup>nd</sup> color))

Sample Problem

[ S ]      $\frac{3}{5} \left( \frac{\square}{\square} \right) = \frac{18}{30}$

$\frac{3}{5} \left( \frac{6}{6} \right) = \frac{18}{30}$

a.  $\frac{4}{9} \left( \frac{\square}{\square} \right) = \frac{20}{45}$

c.  $\frac{6}{7} \left( \frac{\square}{\square} \right) = \frac{54}{63}$

b.  $\frac{3}{8} \left( \frac{\square}{\square} \right) = \frac{6}{16}$

d.  $\frac{4}{7} \left( \frac{\square}{\square} \right) = \frac{12}{21}$

### Part 2

Rules for Multiplying Decimal Numbers

[ D ]

- Count the decimal places in the numbers that are multiplied.
- Show the same number of decimal places in the answer.

• This problem has  
 ((make the 3 a 2<sup>nd</sup> color)) → 3 decimal places.

$$\begin{array}{r}
 5.63 \quad \text{((2<sup>nd</sup> color: 63 on this line))} \\
 \times 7.2 \quad \text{and the 2 on this line)} \\
 \hline
 1126 \\
 + 39410 \\
 \hline
 40.536
 \end{array}$$

• So the answer has  
 ((2<sup>nd</sup> color: 3)) → 3 decimal places.

### Part 3

Copy the digits for each answer and put the decimal point in the right place.

a. 
$$\begin{array}{r}
 1.222 \\
 \times .27 \\
 \hline
 8554 \\
 + 24440 \\
 \hline
 32994
 \end{array}$$

b. 
$$\begin{array}{r}
 .679 \\
 \times 5 \\
 \hline
 3395
 \end{array}$$

c. 
$$\begin{array}{r}
 4.01 \\
 \times 6.4 \\
 \hline
 1604 \\
 + 24060 \\
 \hline
 25664
 \end{array}$$

d. 
$$\begin{array}{r}
 2.55 \\
 \times .99 \\
 \hline
 2295 \\
 + 22950 \\
 \hline
 25245
 \end{array}$$

e. 
$$\begin{array}{r}
 83 \\
 \times 1.1 \\
 \hline
 913
 \end{array}$$

## Lesson 9 Textbook

### Part 4

Copy and complete each equation.

a.  $6 = \frac{\square}{9} = \frac{\square}{3} = \frac{\square}{5} = \frac{\square}{10}$

b.  $3 = \frac{\square}{15} = \frac{\square}{4} = \frac{\square}{11} = \frac{\square}{7}$

### Part 5

Round each value to tenths. Then round each value to hundredths.

a. 10.3547

b. 0.9856

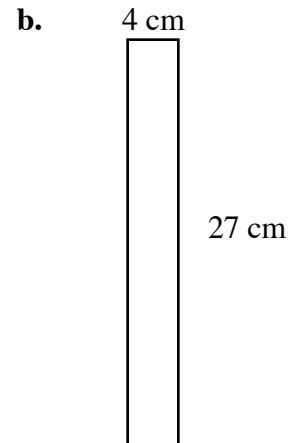
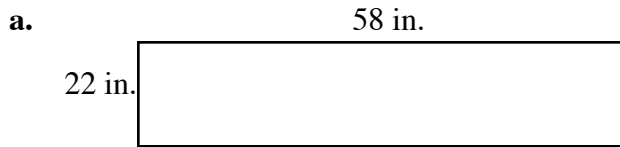
c. 7.501

d. 1.42703

e. .75292

### Part 6

Find the area and perimeter of each rectangle.



## Lesson 9 Independent Work

### Part 7

Write each problem in a column and work it.

a.  $103.2 - 8.031$

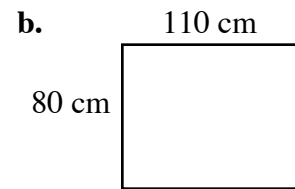
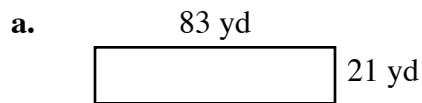
b.  $4.232 + 20$

c.  $56 + .3 + .29$

d.  $11.063 - 4.81$

### Part 8

Find the perimeter and area of each rectangle. Write the unit name in the answer.



### Part 9

For each item, write an equation that shows a fraction and the mixed number it equals.

a.  $\frac{29}{9}$

b.  $\frac{50}{6}$

c.  $\frac{37}{9}$

d.  $\frac{37}{5}$

e.  $\frac{92}{10}$

### Part 10

Copy and work each problem. Box the answer.

a.  $4\overline{)567}$

b.  $9\overline{)908}$

c.  $6\overline{)564}$

d.  $8\overline{)193}$

**Lesson 9 cont.**

**Part 11**

Copy and work each problem that can be worked the way it is written.  
((SRA: dbf))

a.  $\frac{3}{m} \left( \frac{m}{6} \right) =$

c.  $\frac{3}{8} \left( \frac{4}{m} \right) =$

e.  $\frac{4}{3} \times \frac{8}{3} =$

b.  $\frac{2}{50} + \frac{16}{50} =$

d.  $\frac{12}{t} - \frac{7}{t} =$

f.  $\frac{6}{9} + \frac{8}{9} =$

**Part 12**

Round each decimal value to the nearest whole number.

a. 25.09

b. 11.49

c. 58.501

d. 37.5

e. 63.059

**Part 13**

((SRA art))

**Bike**

**\$260**

**CD Player**

**\$188**

**Gloves**

**\$9.60**

**Camera**

**\$64.88**

**Calculator**

**\$28.90**

- a. George buys all the items except the calculator. How much does he spend?
- b. Barb buys the CD Player and the calculator. How much does she spend?
- c. Karen has \$350. She buys the bike and the camera. How much money does she have left?