

## Master 4.24

## Extra Practice 1

**Lesson 1: Tenths and Hundredths**

1. Write each fraction or mixed number as a decimal.

a)  $\frac{17}{100}$

b)  $4\frac{3}{10}$

c)  $\frac{2}{100}$

d)  $\frac{9}{10}$

e)  $\frac{99}{100}$

f)  $41\frac{7}{100}$

2. Write each decimal as a fraction or mixed number.

a) 17.02

b) 8.4

c) 0.13

d) 1.34

e) 0.91

f) 6.7

3. Use the numbers 3, 6, and 9.

Make as many decimals as you can.

## Master 4.24

## Extra Practice 1

**Lesson 2: Equivalent Decimals**

1. Colour hundredths grids to show each decimal.

Write an equivalent decimal.

a) 1.6

b) 0.40

c) 2.1

2. Write an equivalent decimal for each decimal.

a) 9.70

b) 4.3

c) 2.20

d) 0.8

e) 0.10

f) 18.5

3. Circle the equivalent decimals in each group.

a) 0.3    0.30    0.03

b) 2.01    2.1    2.10

c) 9.7    9.70    9.07

d) 15.3    15.03    15.30

## Extra Practice 2

## Lesson 3: Comparing and Ordering Decimals

4. Write  $>$ ,  $<$ , or  $=$  in each box.

a)  $4.70 \square 4.7$

b)  $3.8 \square 3.6$

c)  $5.01 \square 5.10$

d)  $1.47 \square 1.74$

e)  $7.50 \square 7.5$

f)  $2.38 \square 2.4$

5. Write the decimals in order from least to greatest.

a) 5.2, 8.9, 3.6

b) 3.04, 3.41, 3.01

c) 0.8, 0.43, 0.11

d) 2.3, 2.81, 2.76

6. Write a decimal to make each statement true.

a)  $0.25 < \square$

b)  $8.5 = \square$

c)  $1.5 > \square$

d)  $0.02 > \square$

e)  $7.67 < \square$

f)  $6.80 = \square$

## Extra Practice 2

## Lesson 4: Rounding Decimals

1. Round to the nearest whole number.

a) 2.78

b) 1.41

c) 0.88

d) 4.5

e) 18.6

f) 17.50

2. Round to the nearest dollar.

a) \$0.76

b) \$18.50

c) \$7.49

d) \$5.89

e) \$37.14

f) \$85.62

3. Name 2 decimals with hundredths that would round to 15 when rounded to the nearest whole number.

## Extra Practice 3

## Lesson 5: Estimating Sums and Differences

7. Estimate each sum.

a)  $2.8 + 3.9$

b)  $6.97 + 5.40$

c)  $\$1.95 + \$0.06$

d)  $7.75 + 3.21$

8. Estimate each difference.

a)  $9.6 - 3.1$

b)  $8.7 - 5.9$

c)  $2.14 - 1.65$

d)  $\$9.11 - \$6.41$

9. Estimate each sum or difference.

a)  $7.4 - 3.8$

b)  $5.04 + 7.02$

c)  $16.81 - 12.33$

d)  $8.75 + 6.01$

## Extra Practice 3

## Lesson 6: Adding Decimals

1. Add.

a) 
$$\begin{array}{r} 5.3 \\ + 8.2 \\ \hline \end{array}$$

b) 
$$\begin{array}{r} 5.7 \\ + 9.3 \\ \hline \end{array}$$

c) 
$$\begin{array}{r} 6.9 \\ + 8.4 \\ \hline \end{array}$$

d) 
$$\begin{array}{r} 23.08 \\ + 14.99 \\ \hline \end{array}$$

e) 
$$\begin{array}{r} 6.35 \\ + 4.65 \\ \hline \end{array}$$

2. Write vertically, then add.

a)  $14.26 + 37.98$

b)  $6.94 + 8.3$

c)  $52.46 + 34.25$

## Extra Practice 4

## Lesson 7: Subtracting Decimals

3. Subtract.

a) 
$$\begin{array}{r} 8.4 \\ - 3.1 \\ \hline \end{array}$$

b) 
$$\begin{array}{r} 7.5 \\ - 1.8 \\ \hline \end{array}$$

c) 
$$\begin{array}{r} 6.85 \\ - 3.94 \\ \hline \end{array}$$

d) 
$$\begin{array}{r} 11.04 \\ - 4.18 \\ \hline \end{array}$$

e) 
$$\begin{array}{r} \$9.56 \\ - 2.08 \\ \hline \end{array}$$

4. Write vertically, then subtract.

a)  $10.08 - 6.9$

b)  $0.85 - 0.3$

c)  $5.7 - 2.63$

## Extra Practice 4

## Lesson 8: Multiplying Decimals by 10 and 100

1. Multiply. Use mental math.

a)  $6.3 \times 10 =$

b)  $5.82 \times 10 =$

c)  $6.72 \times 10 =$

d)  $31.2 \times 100 =$

e)  $0.4 \times 100 =$

f)  $8.09 \times 100 =$

2. Record each product in the place-value chart.

a)  $0.04 \times 100$

b)  $6.25 \times 10$

c)  $0.3 \times 100$

d)  $6.8 \times 10$

e)  $2.39 \times 10$

Tens	Ones	•	Tenths	Hundredths
		•		
		•		
		•		
		•		
		•		
		•		

## Extra Practice 5

## Lesson 9: Dividing Decimals by 10

5. Use mental math to divide.

a)  $84.2 \div 10 =$

b)  $263.4 \div 10 =$

c)  $0.7 \div 10 =$

d)  $0.1 \div 10 =$

e)  $8.5 \div 10 =$

f)  $173.8 \div 10 =$

g)  $7.7 \div 10 =$

h)  $0.4 \div 10 =$

i)  $2.6 \div 10 =$

6. Ten pennies have a mass of 23.5 g.  
What is the mass of 1 penny?

7. Ten dimes have a mass of 17.5 g. What is the mass of 1 dime?