Name: _____ Date: _____

Chapter 1

Extra Practice and Homework
Whole Numbers and The Four Operations

Activity 3 Dividing by Tens, Hundreds, and Thousands

Fill in each blank.

1 a $100 \div 10 =$ _____ b $230 \div 10 =$ _____

c $4{,}200 \div 10 =$ _____ d $30{,}750 \div 10 =$ _____

2 a $91{,}020 \div 10 =$ _____ b $1{,}050 \div$ _____ $= 105$

c $30{,}500 \div$ _____ $= 3{,}050$ d _____ $\div 10 = 1{,}965$

3 a $8{,}430 \div 30$

$= 8{,}430 \div$ _____ $\div 3$

$=$ _____ $\div 3$

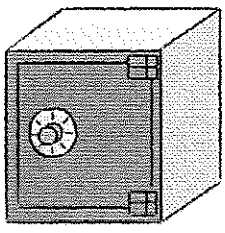
$=$ _____

b $3{,}000 \div 60 =$ _____

c $7{,}280 \div 40 =$ _____ d $34{,}230 \div 70 =$ _____

4 **What is the code for the safe? Divide. Then, match each number to an answer to find out.**

3,400 ÷ 100 = _____ **8**	518,000 ÷ 1,000 = _____ **3**
6,000 ÷ 100 = _____ **0**	38,000 ÷ 1,000 = _____ **4**
7,500 ÷ _____ = 75 **7**	_____ ÷ 100 = 20 **1**
_____ ÷ 100 = 930 **9**	_____ ÷ 1,000 = 4,150 **2**



34	38	518	60	2,000	93,000	4,150,000	100

5 a $680 \div 10 =$ _____ b $200{,}000 \div 100 =$ _____

c $900 \div 100 =$ _____ d $8{,}000 \div 1{,}000 =$ _____

e $1{,}190 \div 70 =$ _____ f $5{,}000 \div 200 =$ _____

g $51{,}000 \div 300 =$ _____ h $435{,}600 \div 200 =$ _____

i $92{,}000 \div 4{,}000 =$ _____ j $534{,}000 \div 2{,}000 =$ _____

6 a $600 \div 300$

$= 600 \div$ _____ $\div 3$

$=$ _____ $\div 3$

$=$ _____

b $24{,}000 \div 40 =$ _____

c $83{,}700 \div 900 =$ _____

d $150{,}000 \div 500 =$ _____

e $9{,}000 \div 3{,}000 =$ _____

f $40{,}000 \div 8{,}000 =$ _____

g $133{,}000 \div 7{,}000 =$ _____

h $40{,}000 \div$ _____ $= 800$

Solve.

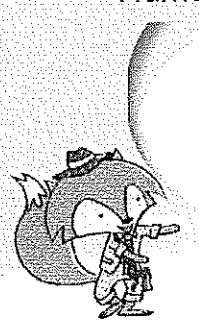
7 What is wrong with the equation?

$\boxed{2{,}500} \div \boxed{20} = 1{,}250$

_____

Change one of the numbers in the blanks to get the given answer. _____

Name: _____ Date: _____



Chapter 1

Extra Practice and Homework
Whole Numbers and The Four Operations

Activity 4 Multiplying and Dividing by 2-Digit Numbers Fluently

Multiply. Show your work. Estimate to check that each answer is reasonable.

1. $23 \times 17 =$ _____

2. $35 \times 31 =$ _____

3. $43 \times 22 =$ _____

4. $59 \times 42 =$ _____

5. $91 \times 14 =$ _____

6. $96 \times 15 =$ _____

7 $456 \times 57 =$ _____

8 $510 \times 35 =$ _____

9 $556 \times 47 =$ _____

10 $614 \times 31 =$ _____

11 $750 \times 63 =$ _____

12 $843 \times 25 =$ _____

13 $1{,}970 \times 23 =$ _____

14 $2{,}550 \times 58 =$ _____

15 $3{,}610 \times 64 =$ _____

16 $4{,}563 \times 29 =$ _____

17 $5{,}193 \times 35 =$ _____

18 $8{,}142 \times 16 =$ _____

Divide. Show your work. Estimate to check that each answer is reasonable.

19 $34 \div 20 =$ _____

20 $65 \div 40 =$ _____

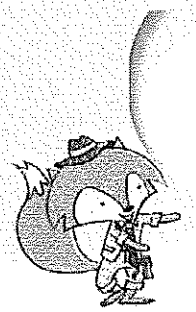
21 $80 \div 60 =$ _____

22 $190 \div 90 =$ _____

23 $360 \div 50 =$ _____

24 $590 \div 30 =$ _____

Name: _____ Date: _____



Chapter 1

Extra Practice and Homework
Whole Numbers and The Four Operations

Activity 5 Order of Operations

Find the value of each of the following without using a calculator. Then, use your scientific calculator to check each answer.

1. $28 + 19 - 6$

2. $100 - 26 + 15$

3. $6 \times 5 \div 2$

4. $960 \div 30 \times 2$

5. $64 + 16 \div 8$

6. $42 + 30 \times 7$

7. $280 - 75 \div 5$

8. $(35 - 11) \times 2$

9. $(42 + 60) \div 6$

10. $30 \times (80 - 65)$

11. $132 \div (4 + 2)$

12. $12 + 16 - 8 + 3$

13. $40 - 12 + 17 - 6$

14. $80 \times 40 \div 10 \div 2$

15. $360 \div 10 \times 6 \div 3$

16. $63 - 4 \times 10 \div 5$

17 $85 - 6 \times 2 + 4$

18 $28 \div 4 + 3 \times 6$

19 $15 \times 72 \div (9 \div 3)$

20 $59 - 40 \div (5 \times 8)$

21 $17 + (24 + 16) \div 5$

22 $(37 + 53) - 12 \times 5$

23 $297 - 108 \div 9 \times 3 + 8$

24 $548 \div 2 + 3 \times 16 - 60$

25 $(85 + 95) \div 5 \times (10 - 7)$

26 $(44 + 33) \times (25 - 15) \div 5$

27 $500 - (140 + 36) \times 6 \div (4 - 1)$

28 $600 - 270 \div (6 + 24) \times (11 - 9)$

29 $8 \times (76 - 12 \times 4) \div (8 \div 2)$

30 $(40 + 215 - 77) \times (9 \div 3) - 20$

Name: _____ Date: _____

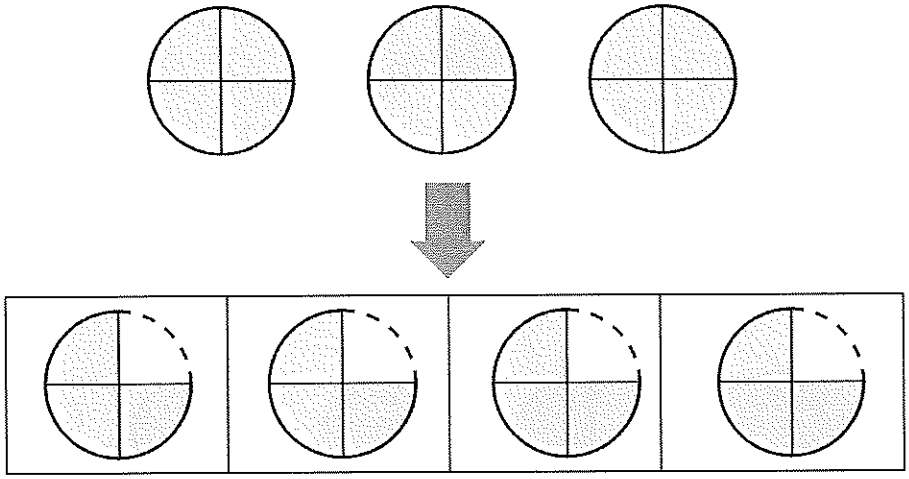
Chapter 2

Extra Practice and Homework
Fractions and Mixed Numbers

Activity 1 Fractions, Mixed Numbers, and Division Expressions

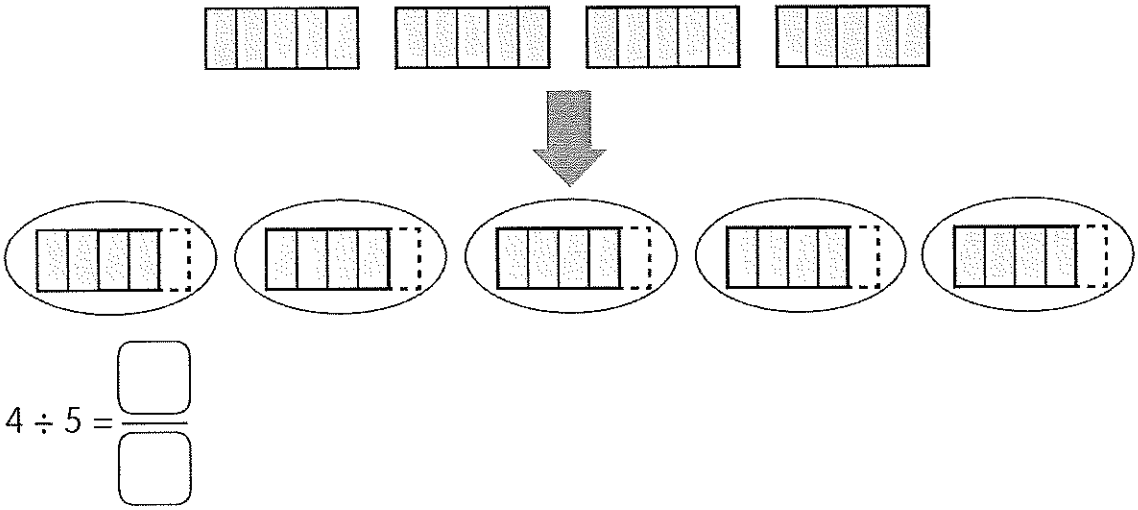
Fill in each blank.

1



$3 \div 4 = \frac{\square}{\square}$

2



$4 \div 5 = \frac{\square}{\square}$

Rewrite each division expression as a fraction.

3 $5 \div 7 = \frac{\square}{\square}$

4 $3 \div 10 = \frac{\square}{\square}$

5 $4 \div 9 = \frac{\square}{\square}$

6 $2 \div 11 = \frac{\square}{\square}$

Rewrite each fraction as a division expression.

7 $\frac{7}{8} =$ _____ ÷ _____

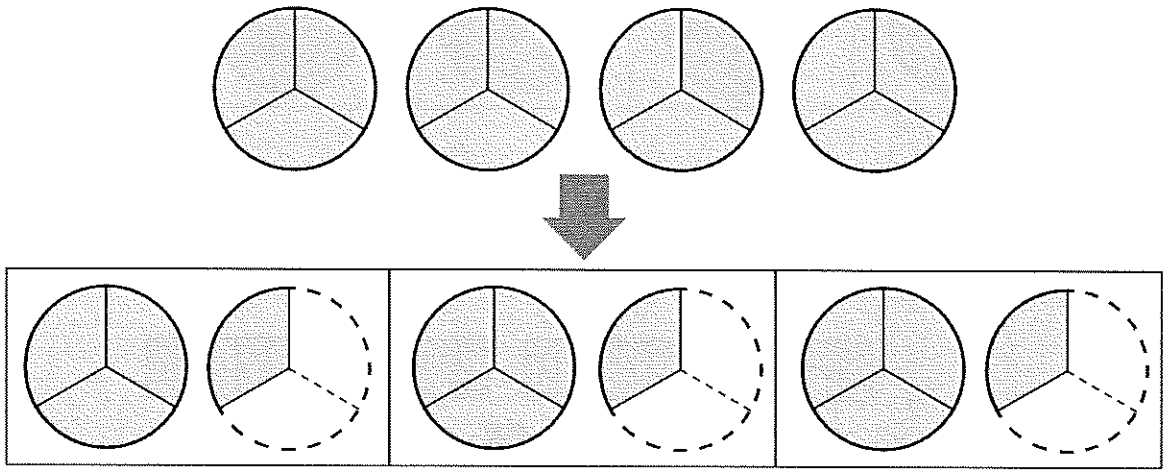
8 $\frac{5}{12} =$ _____ ÷ _____

9 $\frac{1}{10} =$ _____ ÷ _____

10 $\frac{6}{7} =$ _____ ÷ _____

Fill in each blank.

11



$4 \div 3 = \frac{\square}{\square}$

$= \square \frac{\square}{\square}$

Name: _____ Date: _____

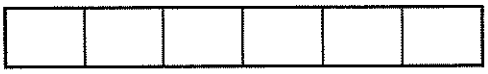
Chapter 2

Extra Practice and Homework
Fractions and Mixed Numbers

Activity 2 Adding Unlike Fractions and Mixed Numbers

Shade and label each model to show the fractions. Then, find the sum.

1. $\frac{1}{2}, \frac{1}{3}$

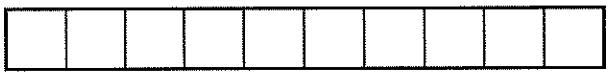


$\frac{1}{2} + \frac{1}{3} =$ _____ + _____

$=$ _____

List the multiples of 2 and 3. Choose the first common multiple. Use it to rewrite $\frac{1}{2}$ and $\frac{1}{3}$ as like fractions.

2. $\frac{1}{5}, \frac{1}{2}$



$\frac{1}{5} + \frac{1}{2} =$ _____ + _____

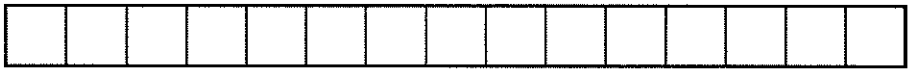
$=$ _____

3 $\frac{1}{6}, \frac{1}{4}$

$\frac{1}{6} + \frac{1}{4} =$ _____ + _____

= _____

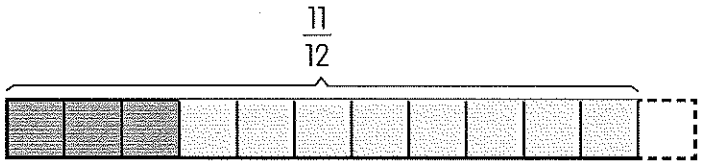
4 $\frac{1}{5}, \frac{2}{3}$



$\frac{1}{5} + \frac{2}{3} =$ _____ + _____

= _____

Look at the model. Write two addition equations.



5 Addition equation 1:

$\frac{\square}{12} + \frac{\square}{12} = \frac{\square}{12}$

6 Addition equation 2 (fractions in simplest form):

_____ + _____ = _____

Add. Express each sum in simplest form.

7 $\frac{1}{3} + \frac{1}{9}$

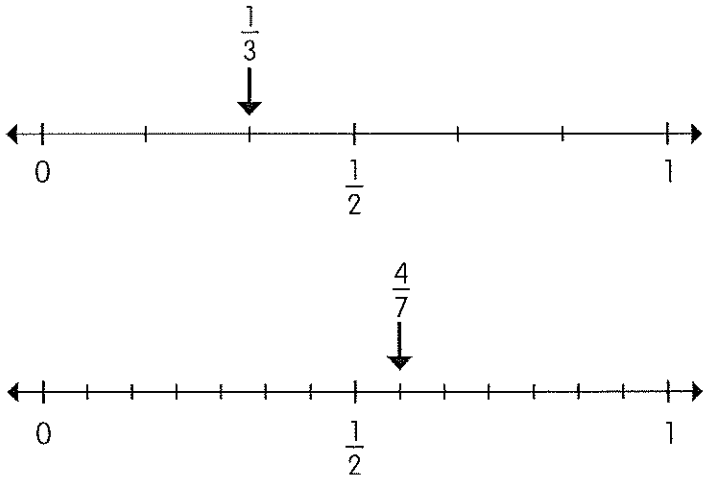
8 $\frac{5}{8} + \frac{1}{2}$

9 $\frac{1}{2} + \frac{6}{7}$

10 $\frac{1}{3} + \frac{1}{5}$

Use benchmarks to estimate each sum.

11 $\frac{1}{3} + \frac{4}{7}$



12 $\frac{2}{3} + \frac{2}{9}$

13 $\frac{7}{9} + \frac{1}{7} + \frac{3}{5}$

Add.

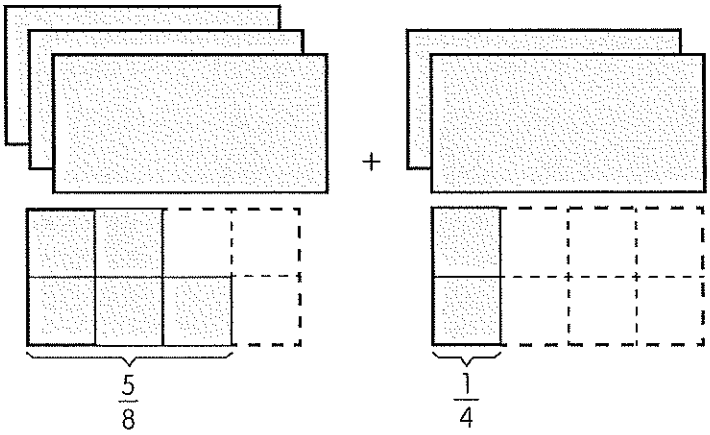
14 $\frac{1}{2} + \frac{1}{3} + \frac{1}{4}$

Add. Express each sum in simplest form.

15 $3\frac{5}{8} + 2\frac{1}{4}$

$= 3\frac{\square}{8} + 2\frac{\square}{8}$

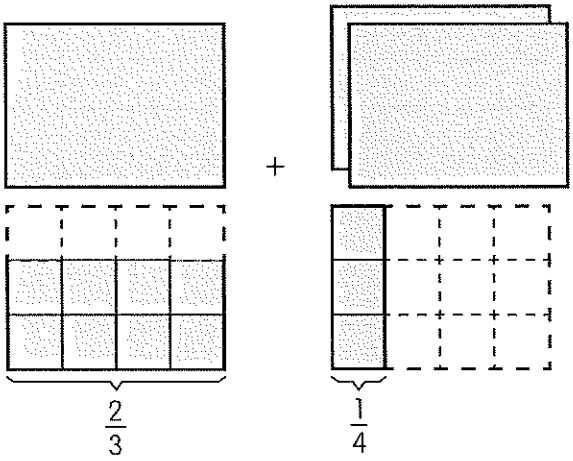
$= 5\frac{\square}{\square}$



16 $1\frac{2}{3} + 2\frac{1}{4}$

$= 1\frac{\square}{\square} + 2\frac{\square}{\square}$

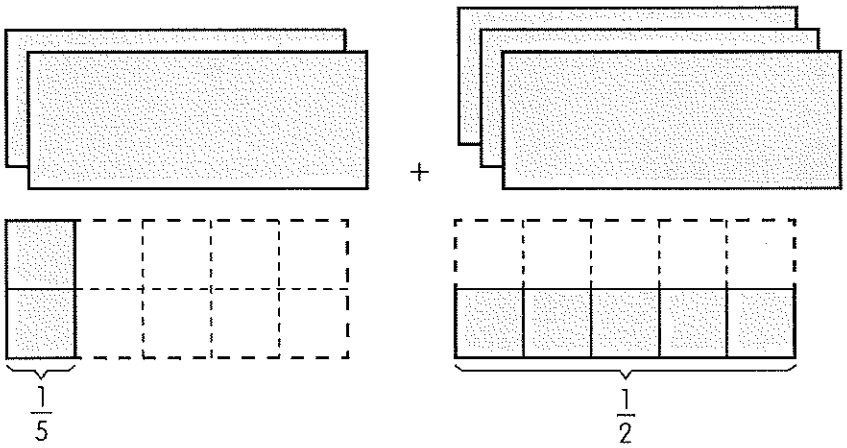
$= 3\frac{\square}{\square}$



17 $2\frac{1}{5} + 3\frac{1}{2}$

$= 2\frac{\square}{\square} + 3\frac{\square}{\square}$

$= 5\frac{\square}{\square}$



18 $3\frac{2}{7} + 2\frac{5}{14}$

19 $5\frac{7}{12} + 3\frac{1}{4}$

20 $4\frac{1}{15} + 1\frac{3}{10}$

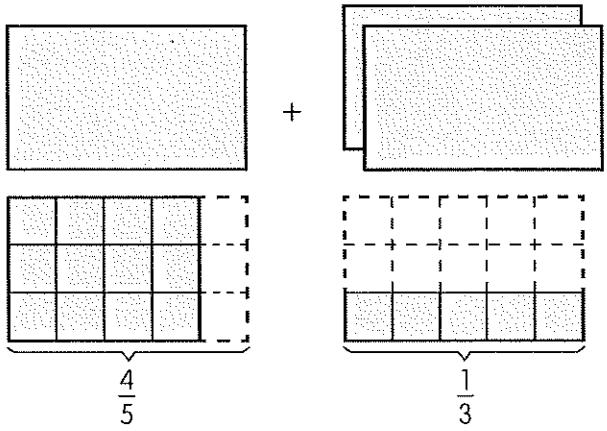
21 $12\frac{1}{9} + 9\frac{5}{6}$

22 $1\frac{4}{5} + 2\frac{1}{3}$

$= 1\frac{\square}{15} + 2\frac{\square}{15}$

$= 3\frac{\square}{\square}$

$= 4\frac{\square}{\square}$

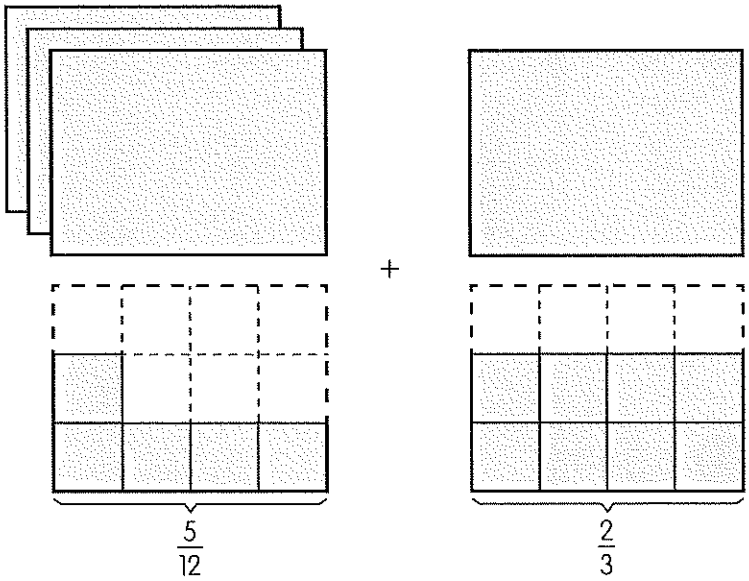


23 $3\frac{5}{12} + 1\frac{2}{3}$

$= 3\frac{\square}{\square} + 1\frac{\square}{\square}$

$= 4\frac{\square}{\square}$

$= 5\frac{\square}{\square}$



24 $2\frac{3}{4} + 3\frac{2}{5}$

25 $2\frac{5}{9} + 1\frac{5}{6}$

26 $7\frac{8}{9} + 9\frac{5}{12}$

27 $5\frac{7}{12} + 1\frac{3}{4}$

Name: _____ Date: _____

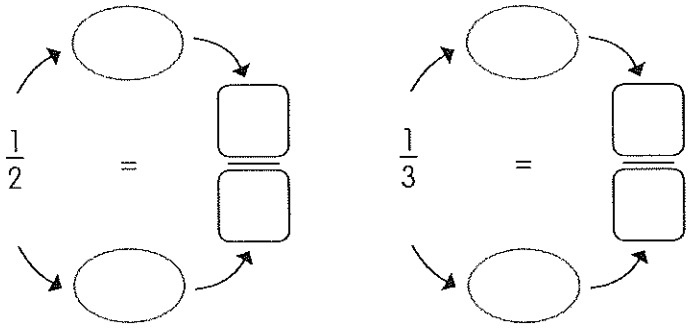
Chapter 2

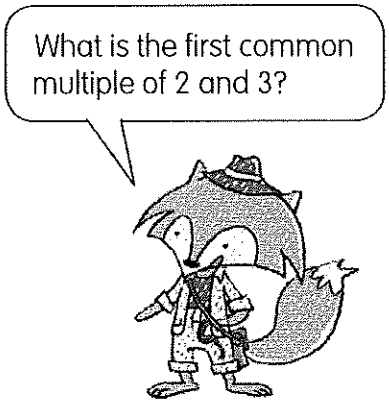
Extra Practice and Homework
Fractions and Mixed Numbers

Activity 3 Subtracting Unlike Fractions and Mixed Numbers

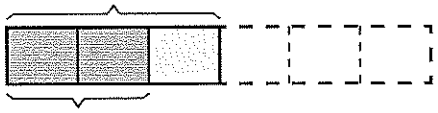
Rewrite each pair of fractions as like fractions and find the difference.

1





$\frac{1}{2} =$ ☐

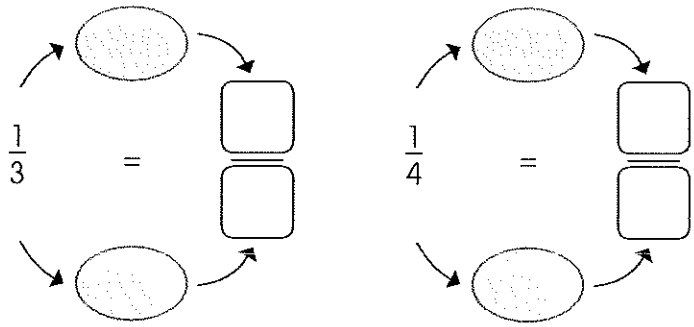


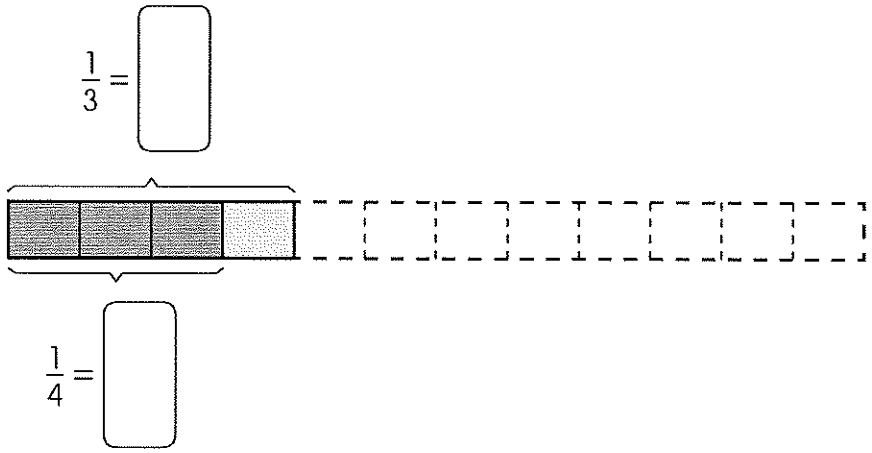
$\frac{1}{3} =$ ☐

$\frac{1}{2} - \frac{1}{3} =$ _____ − _____

= _____

2





$\frac{1}{3} - \frac{1}{4} =$ _____ − _____

$=$ _____

Subtract. Express each difference in simplest form.

3 $\frac{7}{12} - \frac{1}{2}$

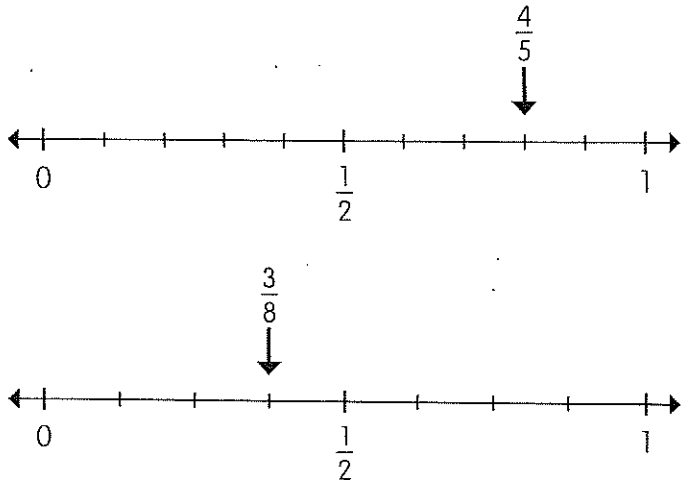
4 $\frac{4}{5} - \frac{1}{3}$

5 $\frac{7}{9} - \frac{1}{6}$

6 $1 - \frac{5}{6} - \frac{1}{12}$

Use benchmarks to estimate each difference.

7 $\frac{4}{5} - \frac{3}{8}$



8 $\frac{9}{10} - \frac{1}{6}$

9 $\frac{5}{12} - \frac{1}{9}$

18 $4\frac{1}{5} - 1\frac{1}{3}$

19 $6\frac{3}{8} - 3\frac{5}{6}$

20 $7\frac{1}{4} - 5\frac{11}{12}$

21 $8\frac{1}{3} - 4\frac{3}{4}$

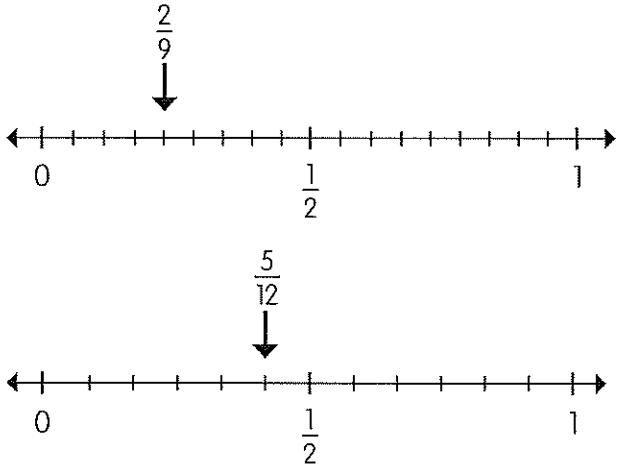
Solve.

22 $2\frac{1}{2} - \_\_\_\_\_ = \frac{4}{5}$

23 $6 - \_\_\_\_\_ = 3\frac{2}{5}$

Use benchmarks to estimate each difference.

24 $7\frac{2}{9} - 6\frac{5}{12}$



25 $12\frac{2}{5} - 8\frac{7}{12}$

26 $20\frac{1}{8} - 5\frac{1}{3}$

Name: _____ Date: _____

Chapter 4

Extra Practice and Homework
Decimals

Activity 2 Comparing, Ordering, and Rounding Decimals

Compare each pair of decimals. Fill in each blank. Write > or < in each ◯.

1

Ones	.	Tenths	Hundredths	Thousandths
0	.	0	2	
0	.	0	1	5

_____ is greater than _____.

_____ ◯ _____

2

Ones	.	Tenths	Hundredths	Thousandths
0	.	3	0	8
0	.	2	9	

_____ is less than _____.

_____ ◯ _____

3

Ones	.	Tenths	Hundredths	Thousandths
4	.	0	9	1
4	.	1	9	

_____ is less than _____.

_____ ◯ _____

Compare each pair of decimals. Write the greater decimal.

4. 11.6 or 21.8 _____

5. 10.55 or 10.05 _____

6. 20.07 or 20.01 _____

7. 100.202 or 100.212 _____

Write >, <, or =.

8. 3.7 ◯ 0.370

9. 0.150 ◯ 0.51

10. 0.205 ◯ 2.05

11. 2.3 ◯ 2.30

Compare each set of decimals. Circle the greatest decimal and underline the least.

12. 1.03, 1.3, 0.13

13. 0.5, 0.53, 0.503

14. 2.35, 2.305, 2.035

15. 8.7, 8.07, 8.701

Order the decimals in each set from least to greatest.

16. 3.33, 3.03, 3.303 _____

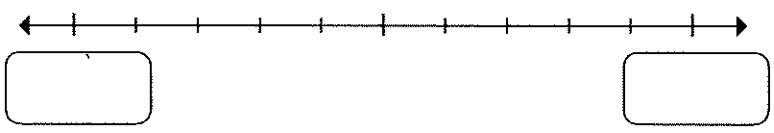
17. 5.51, 5.051, 5.501 _____

18. 4, 4.01, 4.001 _____

19. 0.023, 0.203, 0.230 _____

Write the missing decimal in each blank. Mark an *X* to show where each given decimal is located. Round each given decimal to the nearest hundredth.

20.



1.056 rounded to the nearest hundredth is _____.

21

2.395 rounded to the nearest hundredth is _____.

22

5.994 rounded to the nearest hundredth is _____.

Fill in each blank.

23 The mass of a sewing needle is 0.585 gram.
Round the mass to the nearest hundredth of a gram.

_____ rounds to _____.

24 The width of a pinhead is 0.098 centimeter.
Round the width to two decimal places.

_____ rounds to _____.

25 The width of a pencil eraser is 0.394 inch.
Round the width to the nearest hundredth of an inch.

_____ rounds to _____.

Round each decimal to the nearest whole number, nearest tenth, and nearest hundredth.

26

Decimal	Rounded to the Nearest		
	Whole Number	Tenth	Hundredth
1.049			
2.199			

Fill in each blank.

27 A decimal rounded to the nearest tenth is 2.5.
Write two such decimals that can be rounded to 2.5.

_____ and _____

28 A decimal rounded to the nearest hundredth is 4.09.
Write two such decimals that can be rounded to 4.09.

_____ and _____

29 A decimal rounded to the nearest hundredth is 6.32.
This decimal is greater than 6.32.

What could this decimal be? _____

30 A decimal rounded to the nearest hundredth is 7.01.
This decimal is less than 7.01.

What could this decimal be? _____

31 What is the least possible decimal gives 9.7 when rounded to

1 decimal place? _____

32 A decimal rounded to 2 decimal places is 5.32.
This decimal has 3 decimal places.

What is the greatest possible decimal? _____

Name: _____ Date: _____

Chapter 4

Extra Practice and Homework
Decimals

Activity 3 Decimals, Fractions, and Mixed Numbers

Express each of the following as a decimal.

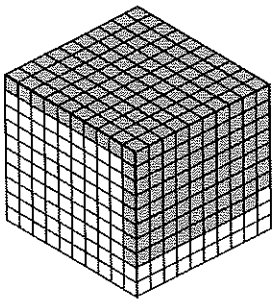
1. $\frac{3}{8} =$ _____

2. $\frac{19}{8} =$ _____

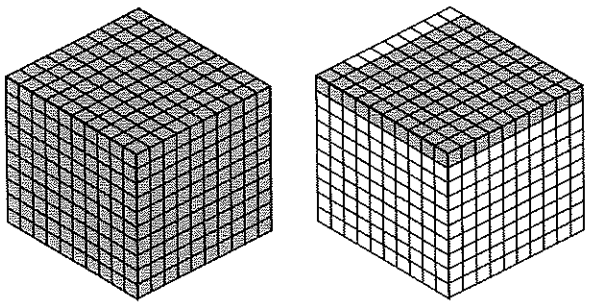
3. $3\frac{21}{125} =$ _____

4. $15\frac{3}{250} =$ _____

Rewrite each of the following as a fraction or mixed number in simplest form.

5. 

0.169 = _____

6. 

1.092 = _____

7 0.073

8 0.136

9 0.218

10 0.905

11 1.825

12 2.908

13 3.602

14 4.109

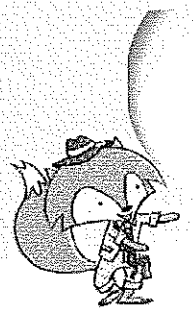
Solve.

15 Steven wrote the following:

$6\frac{1}{3} = 6.13$

Is he correct? Explain.

Name: _____ Date: _____



Chapter 5

Extra Practice and Homework
Four Operations of Decimals

Activity 1 Adding Decimals

Add. Then, fill in each blank.

1. Add 4.1 and 1.6.

   4.1 + 1.6 = _____

```
   4 . 1
+  1 . 6
-------
```

2. Find the sum of 14.25 and 11.73.

   14.25 + 11.73 = _____

   The sum of 14.25 and 11.73 is _____.

```
  1 4 . 2 5
+ 1 1 . 7 3
-----------
```

Add.

3.
```
   1 0 8 . 3
+  2 4 1 . 2
-------------
```

4.
```
   7 . 5 4
+  1 . 3 3
----------
```

5.
```
   6 4 . 5 0
+  2 3 . 2 5
-------------
```

6.
```
   4 3 . 8 2
+  5 3 . 1 6
-------------
```

Add. Then, fill in each blank.

7 Find the sum of 47.5 and 98.6.

47.5 + 98.6 = _____

The sum of 47.5 and 98.6 is _____.

$$\begin{array}{r} 47.5 \\ +\ 98.6 \\ \hline \end{array}$$

Add.

8 $\begin{array}{r} 7.6 \\ +\ 1.9 \\ \hline \end{array}$

9 $\begin{array}{r} 58.2 \\ +\ 62.8 \\ \hline \end{array}$

10 $\begin{array}{r} 368.0 \\ +\ 157.4 \\ \hline \end{array}$

11 $\begin{array}{r} 5.62 \\ +\ 4.79 \\ \hline \end{array}$

12 $\begin{array}{r} 8.93 \\ +\ 3.44 \\ \hline \end{array}$

13 $\begin{array}{r} 54.20 \\ +\ 39.85 \\ \hline \end{array}$

14 $\begin{array}{r} 45.28 \\ +\ 76.00 \\ \hline \end{array}$

15 $\begin{array}{r} 62.74 \\ +\ 56.38 \\ \hline \end{array}$

Add. Show your work.

16 $6.5 + 8.9 =$ _____

17 $9.07 + 8.96 =$ _____

18 $14.3 + 9.98 =$ _____

19 $47.99 + 8.01 =$ _____

20 a $19.6 + 57.34 =$ _____ b $36.48 + 72 =$ _____

c $412 + 79.6 =$ _____ d $25.9 + 54.81 =$ _____

e $1.68 + 20.9 =$ _____ f $57.5 + 44.14 =$ _____

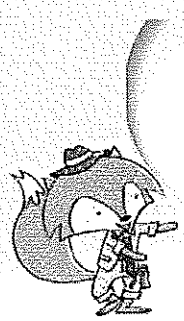
Fill in each blank.

21

$$\begin{array}{r} 6.934 \\ +\ \square\square\square\square \\ \hline 10.605 \end{array}$$

22 _____ must be added to 0.02 to get 1.

Name: _____ Date: _____



Chapter 5

Extra Practice and Homework
Four Operations of Decimals

Activity 2 Subtracting Decimals

Subtract. Then, fill in each blank.

1. Subtract 3.2 from 8.9.

   $8.9 - 3.2 =$ _____

$$\begin{array}{r} 8.9 \\ -\ 3.2 \\ \hline \end{array}$$

2. Subtract 13.6 from 25.7.

   $25.7 - 13.6 =$ _____

$$\begin{array}{r} 25.7 \\ -\ 13.6 \\ \hline \end{array}$$

3. Find the difference between 6.85 and 7.86.

   $7.86 - 6.85 =$ _____

   The difference between 6.85 and 7.86

   is _____.

$$\begin{array}{r} 7.86 \\ -\ 6.85 \\ \hline \end{array}$$

Subtract.

4. $\begin{array}{r} 865.9 \\ -\ 514.3 \\ \hline \end{array}$

5. $\begin{array}{r} 645.8 \\ -\ 213.0 \\ \hline \end{array}$

6 $\begin{array}{r} 54.68 \\ -\ 13.42 \\ \hline \end{array}$

7 $\begin{array}{r} 78.26 \\ -\ 41.05 \\ \hline \end{array}$

Subtract. Then, fill in each blank.

8 Subtract 1.8 from 3.2.

3.2 – 1.8 = _____

$\begin{array}{r} 3.2 \\ -\ 1.8 \\ \hline \end{array}$

9 Subtract 17.89 from 32.21.

32.21 – 17.89 = _____

$\begin{array}{r} 32.21 \\ -\ 17.89 \\ \hline \end{array}$

Subtract.

10 $\begin{array}{r} 5.4 \\ -\ 3.7 \\ \hline \end{array}$

11 $\begin{array}{r} 35.6 \\ -\ 26.4 \\ \hline \end{array}$

12
$$\begin{array}{r} 4.23 \\ -\ 1.54 \\ \hline \end{array}$$

13
$$\begin{array}{r} 65.38 \\ -\ 29.73 \\ \hline \end{array}$$

14
$$\begin{array}{r} 4.0 \\ -\ 2.7 \\ \hline \end{array}$$

15
$$\begin{array}{r} 2.00 \\ -\ 0.48 \\ \hline \end{array}$$

Subtract. Show your work.

16 $67.1 - 13.7 =$ _____

17 $2.3 - 0.48 =$ _____

18 $3 - 0.12 =$ _____

19 $9.5 - 6.05 =$ _____

20 $10 - 2.73 =$ _____

21 $12.1 - 4.68 =$ _____

22 a $7 - 4.8 =$ _____

b $50 - 23.6 =$ _____

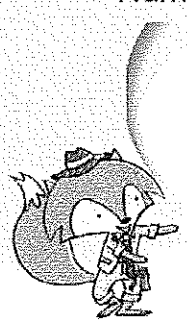
c $80 - 45.89 =$ _____

d $5.11 - 4.5 =$ _____

e $72.51 - 35.39 =$ _____

f $84.3 - 36.77 =$ _____

Name: _____ Date: _____



Chapter 5

Extra Practice and Homework
Four Operations of Decimals

Activity 3 Multiplying Decimals

Multiply.

1. $3 \times 3 =$ _____

   $0.3 \times 3 =$ _____

   $0.03 \times 3 =$ _____

2. $2 \times 4 =$ _____

   $0.2 \times 4 =$ _____

   $0.02 \times 4 =$ _____

3. $1 \times 6 =$ _____

   $0.1 \times 6 =$ _____

   $0.01 \times 6 =$ _____

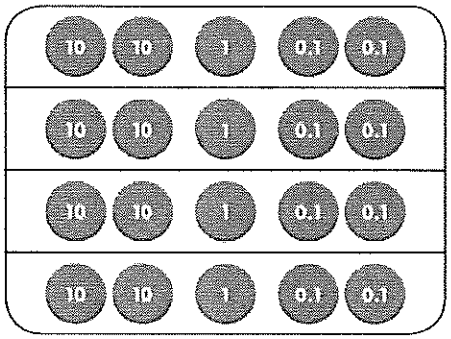
4. $5 \times 1 =$ _____

   $0.5 \times 1 =$ _____

   $0.05 \times 1 =$ _____

Multiply. Then, fill in each blank.

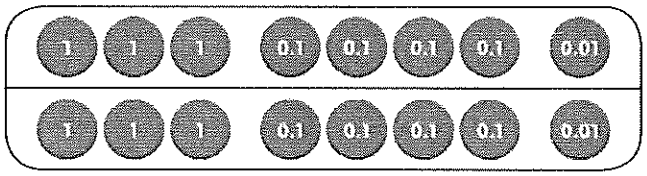
5 Multiply 21.2 by 4.



$$\begin{array}{r} 2\ 1\ .\ 2 \\ \times\qquad 4 \\ \hline \end{array}$$

$21.2 \times 4 =$ _____

6 Find the product of 3.41 and 2.



$$\begin{array}{r} 3\ .\ 4\ 1 \\ \times\qquad 2 \\ \hline \end{array}$$

$3.41 \times 2 =$ _____

The product of 3.41 and 2 is _____.

Multiply.

7
$$\begin{array}{r} 2\ .\ 2 \\ \times\qquad 3 \\ \hline \end{array}$$

8
$$\begin{array}{r} 6\ .\ 3 \\ \times\qquad 4 \\ \hline \end{array}$$

Multiply. Show your work.

9 $4.3 \times 2 =$ _____

10 $65.5 \times 2 =$ _____

11 $59.3 \times 4 =$ _____

12 $7.54 \times 7 =$ _____

13 $19.08 \times 6 =$ _____

14 $9 \times 59.84 =$ _____

15 a $0.4 \times 3 =$ _____

b $7.9 \times 5 =$ _____

c $12.4 \times 7 =$ _____

d $6.46 \times 9 =$ _____

e $10.07 \times 5 =$ _____

f $15.24 \times 8 =$ _____

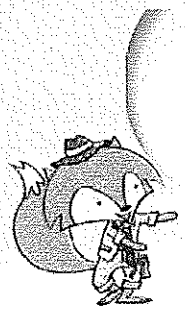
Fill in each blank.

16

$$\begin{array}{r} {\scriptstyle 1\quad 2} \\ 6\ .\ \square\ 5 \\ \times \qquad\quad 4 \\ \hline 2\ 5\ .\ 0\ 0 \end{array}$$

17 The difference between 12.8×4 and 6.4×8 is _____.

Name: _____ Date: _____



Chapter 5

Extra Practice and Homework
Four Operations of Decimals

Activity 4 Multiplying Decimals by Tens, Hundreds, Thousands, and Powers of Tens

Fill in each blank.

1 a $0.6 \times 10 =$ _____ b $0.37 \times 10 =$ _____

c $8.15 \times 10 =$ _____ d $10 \times 17.52 =$ _____

e $10 \times 0.264 =$ _____ f $10 \times 3.028 =$ _____

2 a $1.907 \times$ _____ $= 19.07$ b $2.74 \times$ _____ $= 27.4$

c _____ $\times 10 = 8.8$ d _____ $\times 10 = 534.2$

3 a $0.3 \times 70 =$ _____ b $0.25 \times 30 =$ _____

c $9.04 \times 60 =$ _____ d $50 \times 13.24 =$ _____

e $90 \times 0.128 =$ _____ f $80 \times 5.179 =$ _____

4 a $0.04 \times 100 =$ _____ b $0.18 \times 100 =$ _____

c $4.9 \times 1{,}000 =$ _____ d $100 \times 16.47 =$ _____

e $100 \times 0.134 =$ _____ f $1{,}000 \times 63.425 =$ _____

5 a $108.1 \times$ _____ $= 10{,}810$ b $50.95 \times$ _____ $= 50{,}950$

c _____ $\times 100 = 909.7$ d _____ $\times 1{,}000 = 2{,}350$

6 a $0.7 \times 400 =$ _____ b $0.36 \times 200 =$ _____

c $6.09 \times 8{,}000 =$ _____ d $900 \times 10.23 =$ _____

e $300 \times 0.105 =$ _____ f $5{,}000 \times 3.003 =$ _____

7. $0.75 \times 10^2 = 0.75 \times (10 \times$ _____ $)$

$= 0.75 \times$ _____

$=$ _____

8. $0.8 \times 10^2 = 0.8 \times ($ _____ $\times 10)$

$= 0.8 \times$ _____

$=$ _____

9. $0.96 \times 10^2 = 0.96 \times ($ _____ $\times 10)$

$= 0.96 \times$ _____

$=$ _____

10. $0.065 \times 10^2 = 0.065 \times ($ _____ $\times 10)$

$= 0.065 \times$ _____

$=$ _____

11. $13.8 \times 10^2 = 13.8 \times ($ _____ $\times$ _____ $)$

$= 13.8 \times$ _____

$=$ _____

12. $9.849 \times 10^2 = 9.849 \times ($ _____ $\times$ _____ $)$

$= 9.849 \times$ _____

$=$ _____

13. $1.3 \times 10^3 = 1.3 \times (10 \times 10 \times$ _____ $)$

$= 1.3 \times$ _____

$=$ _____

14. $0.2 \times 10^3 = 0.2 \times (\_\_\_\_\_ \times 10 \times 10)$

$= 0.2 \times \_\_\_\_\_$

$= \_\_\_\_\_$

15. $0.06 \times 10^3 = 0.06 \times (\_\_\_\_\_ \times \_\_\_\_\_ \times 10)$

$= 0.06 \times \_\_\_\_\_$

$= \_\_\_\_\_$

16. $12.7 \times 10^3 = 12.7 \times (\_\_\_\_\_ \times \_\_\_\_\_ \times 10)$

$= 12.7 \times \_\_\_\_\_$

$= \_\_\_\_\_$

17. $2.007 \times 10^3 = 2.007 \times (\_\_\_\_\_ \times \_\_\_\_\_ \times \_\_\_\_\_)$

$= 2.007 \times \_\_\_\_\_$

$= \_\_\_\_\_$

18. $0.7 \times \_\_\_\_\_ = 700$

19. $1.5 \times \_\_\_\_\_ = 150$

20. $3.4 \times \_\_\_\_\_ = 3{,}400$

21. $4.12 \times \_\_\_\_\_ = 412$

22. $5.01 \times \_\_\_\_\_ = 50.1$

23. $\_\_\_\_\_ \times 10^2 = 1{,}220$

24. $\_\_\_\_\_ \times 10 = 1{,}818$

25. $3.5 \times 10 = 0.35 \times \_\_\_\_\_$

26. $12.9 \times 10^2 = \_\_\_\_\_ \times 10^3$

Name: _____ Date: _____

Chapter 5

Enrichment
Four Operations of Decimals

Activity 5 Dividing Decimals

Divide.

1 a $0.76 \div 8 =$ _____ b $1.85 \div 5 =$ _____

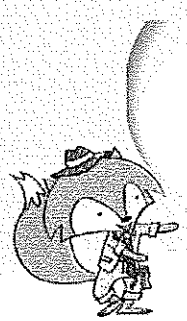
Use a calculator to find the value of each quotient. Then, round each quotient to the nearest hundredth.

2 a $7.8 \div 33$ b $68.49 \div 27$

Answer the question.

3 Compare the quotients in questions 1 and 2. What do you notice?

Name: _____ Date: _____



Chapter 5

Extra Practice and Homework
Four Operations of Decimals

Activity 6 Dividing Decimals by Tens, Hundreds, and Thousands

Fill in each blank.

1. $0.2 \div 10 =$ _____
2. $0.84 \div 10 =$ _____
3. $3.19 \div 10 =$ _____
4. $34.95 \div 10 =$ _____
5. $102.8 \div 10 =$ _____
6. $713.02 \div 10 =$ _____
7. $1.84 \div$ _____ $= 0.184$
8. $0.93 \div$ _____ $= 0.093$
9. _____ $\div 10 = 2.705$
10. _____ $\div 10 = 62.09$
11. $4 \div 20 =$ _____
12. $27 \div 60 =$ _____
13. $67.2 \div 70 =$ _____
14. $10.35 \div 50 =$ _____

15 $5.7 \div 100 =$ _____

16 $94.3 \div 100 =$ _____

17 $4{,}008 \div 100 =$ _____

18 $70 \div 1{,}000 =$ _____

19 $9{,}090 \div 1{,}000 =$ _____

20 $30{,}400 \div 1{,}000 =$ _____

21 $90 \div$ _____ $= 0.9$

22 _____ $\div 100 = 0.62$

23 $13{,}870 \div$ _____ $= 13.87$

24 _____ $\div 1{,}000 = 2.053$

25 $180 \div 200 =$ _____

26 $201 \div 300 =$ _____

27 $56{,}640 \div 8{,}000 =$ _____

28 $15{,}600 \div 5{,}000 =$ _____

29 $249{,}000 \div 6{,}000 =$ _____

30 $596{,}400 \div 7{,}000 =$ _____

31 $48 \div 60 = 0.8$

So, $48 \div 30 =$ _____.

32 $501 \div 30 =$ _____ $\div 100$