

Decimals

Unit Test, Form A (page 1 of 2)

Score _____ / 12

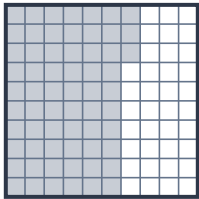
1. Write each as a fraction and as a decimal.



$\frac{\boxed{}}{10} = \underline{\hspace{2cm}}$

five tenths = $\frac{\boxed{}}{10} = \underline{\hspace{2cm}}$

2. Write the missing numbers.



$\frac{\boxed{}}{100} = \underline{\hspace{2cm}}$

$\frac{8}{10} = \frac{\boxed{}}{100}$

3. Add. Write each sum as hundredths and as a decimal.

$\frac{7}{10} + \frac{3}{100} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$

$\frac{3}{10} + \frac{52}{100} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$

4. Write the number in the chart and in expanded form.

$14 \frac{7}{100}$

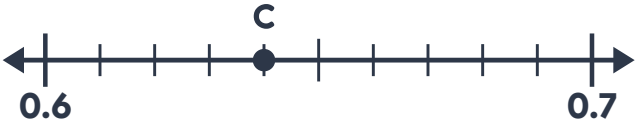
Tens	Ones		Tenths	Hundredths
		.		

$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$

5. Write 0.1 more, 0.1 less, 0.01 more and 0.01 less.

Number	0.1 more	0.1 less	0.01 more	0.01 less
2.97				
6.40				

6. Write the decimal for each point.



A = _____ B = _____ C = _____

Decimals

Unit Test, Form A (page 2 of 2)

7. Write the missing numbers.



100 of a dollar = _____

\$1.40 = _____ dimes

8. Write >, < or = in each circle.

3.6 ○ 3.60

0.52 ○ 0.6

4.1 ○ 4.08

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

1.4

0.48

1.04

0.84

_____ < _____ < _____ < _____
least greatest

10. Write each fraction as a decimal.
Then circle the benchmark the decimal is closest to.

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

2 $\frac{3}{4}$ = _____

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

0.47 is
closest to

0 $\frac{1}{2}$ 1

11. Write the missing numbers. Write >, < or = in the circle.

4 + 0.6 + 0.02 + 0.005 = _____

The 8 in 0.483 is worth _____

0.62 ○ 0.615

12. Add or subtract.

5.8
+ 2.65

\$9.00
- \$4.35

Decimals

Unit Test, Form B (page 1 of 2)

Score _____ / 12

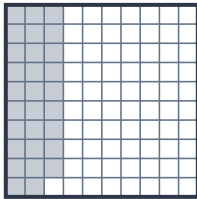
1. Write each as a fraction and as a decimal.



$\frac{\boxed{}}{10} = \underline{\hspace{2cm}}$

nine tenths = $\frac{\boxed{}}{10} = \underline{\hspace{2cm}}$

2. Write the missing numbers.



$\frac{\boxed{}}{100} = \underline{\hspace{2cm}}$

$\frac{2}{10} = \frac{\boxed{}}{100}$

3. Add. Write each sum as hundredths and as a decimal.

$\frac{6}{10} + \frac{9}{100} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$

$\frac{4}{10} + \frac{15}{100} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$

4. Write the number in the chart and in expanded form.

$36\frac{4}{100}$

Tens	Ones		Tenths	Hundredths
		.		

$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$

5. Write 0.1 more, 0.1 less, 0.01 more and 0.01 less.

Number	0.1 more	0.1 less	0.01 more	0.01 less
4.95				
8.30				

6. Write the decimal for each point.



A = _____ B = _____ C = _____

Unit Test, Form B (page 2 of 2)

A collection of 10 US coins. The top row features three quarters, each showing a different US president (George Washington, John Adams, and Thomas Jefferson). The bottom row consists of seven pennies, all featuring the profile of Abraham Lincoln.

\$2.30 = dimes

7.80 ○ 7.8

0.37 ○ **0.4**

2.3 ○ **2.09**

0.26

least < < < greatest

$$2\frac{1}{2} = \underline{\hspace{2cm}}$$
 $3\frac{1}{4} = \underline{\hspace{2cm}}$ $1\frac{4}{5} = \underline{\hspace{2cm}}$

**0.54 is
closest to**

0 $\frac{1}{2}$ 1

$$7 + 0.3 + 0.08 + 0.001 =$$

The **2** in **0.926** is worth

0.43 ○ 0.428

$$3.6 + 4.75$$
$$\begin{array}{r} \$7.00 \\ - \$2.85 \\ \hline \end{array}$$

Decimals

Unit Test, Form A (page 1 of 2)

Score _____ / 12

1. Write each as a fraction and as a decimal.

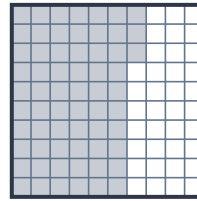


$$\frac{8}{10} = 0.8$$

$$\text{five tenths} = \frac{5}{10} = 0.5$$

Lesson 10.1 · Tenths as fractions and decimals

2. Write the missing numbers.



$$\frac{63}{100} = 0.63$$

$$\frac{8}{10} = \frac{80}{100}$$

Lesson 10.2 · Hundredths and tenths as hundredths

3. Add. Write each sum as hundredths and as a decimal.

$$\frac{7}{10} + \frac{3}{100} = \frac{73}{100} = 0.73$$

$$\frac{3}{10} + \frac{52}{100} = \frac{82}{100} = 0.82$$

Lesson 10.3 · Add tenths and hundredths

4. Write the number in the chart and in expanded form.

$$14 \frac{7}{100}$$

Tens	Ones		Tenths	Hundredths
1	4	.	0	7

$$10 + 4 + 0.07$$

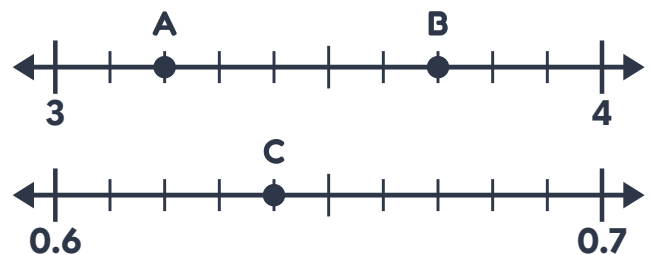
Lesson 10.4 · Decimal place value

5. Write 0.1 more, 0.1 less, 0.01 more and 0.01 less.

Number	0.1 more	0.1 less	0.01 more	0.01 less
2.97	3.07	2.87	2.98	2.96
6.40	6.50	6.30	6.41	6.39

Lesson 10.4 · Decimal place value

6. Write the decimal for each point.



$$A = 3.2 \quad B = 3.7 \quad C = 0.64$$

Lesson 10.5 · Decimals on a number line

Decimals

Unit Test, Form A (page 2 of 2)

7. Write the missing numbers.



$\frac{58}{100}$ of a dollar = \$0.58

\$1.40 = 14 dimes

Lesson 10.6 · Money as decimals

8. Write $>$, $<$ or $=$ in each circle.

3.6 $=$ 3.60

0.52 $<$ 0.6

4.1 $>$ 4.08

Lesson 10.7 · Compare and order decimals

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

1.4

0.48

1.04

0.84

0.48 $<$ 0.84 $<$ 1.04 $<$ 1.4
least greatest

Lesson 10.7 · Compare and order decimals

10. Write each fraction as a decimal.
Then circle the benchmark the decimal is closest to.

$1\frac{1}{2} =$ 1.5

$2\frac{3}{4} =$ 2.75

$3\frac{2}{5} =$ 3.4

0.47 is
closest to

0 $\frac{1}{2}$ 1

Lesson 10.8 · Halves, fourths and fifths as decimals

11. Write the missing numbers. Write $>$, $<$ or $=$ in the circle.

$4 + 0.6 + 0.02 + 0.005 =$ 4.625

The 8 in 0.483 is worth 0.08

0.62 $>$ 0.615

Lesson 10.9 · Thousandths

12. Add or subtract.

$$\begin{array}{r} 5.8 \\ + 2.65 \\ \hline 8.45 \end{array}$$

$$\begin{array}{r} \$9.00 \\ - \$4.35 \\ \hline \$4.65 \end{array}$$

Lesson 10.10 · Add and subtract decimals

Decimals

Unit Test, Form B (page 1 of 2)

Score _____ / 12

1. Write each as a fraction and as a decimal.

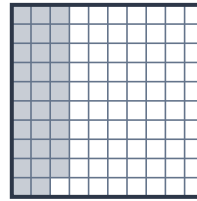


$$\frac{1}{10} = 0.1$$

$$\text{nine tenths} = \frac{9}{10} = 0.9$$

Lesson 10.1 · Tenths as fractions and decimals

2. Write the missing numbers.



$$\frac{29}{100} = 0.29$$

$$\frac{2}{10} = \frac{20}{100}$$

Lesson 10.2 · Hundredths and tenths as hundredths

3. Add. Write each sum as hundredths and as a decimal.

$$\frac{6}{10} + \frac{9}{100} = \frac{69}{100} = 0.69$$

$$\frac{4}{10} + \frac{15}{100} = \frac{55}{100} = 0.55$$

Lesson 10.3 · Add tenths and hundredths

4. Write the number in the chart and in expanded form.

$$36 \frac{4}{100}$$

Tens	Ones	Tenths	Hundredths
3	6	0	4

$$30 + 6 + 0.04$$

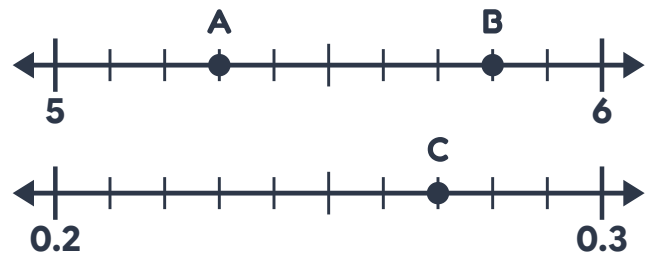
Lesson 10.4 · Decimal place value

5. Write 0.1 more, 0.1 less, 0.01 more and 0.01 less.

Number	0.1 more	0.1 less	0.01 more	0.01 less
4.95	5.05	4.85	4.96	4.94
8.30	8.40	8.20	8.31	8.29

Lesson 10.4 · Decimal place value

6. Write the decimal for each point.



$$A = 5.3 \quad B = 5.8 \quad C = 0.27$$

Lesson 10.5 · Decimals on a number line

Decimals

Unit Test, Form B (page 2 of 2)

7. Write the missing numbers.



$\frac{39}{100}$ of a dollar = \$0.39

\$2.30 = 23 dimes

Lesson 10.6 · Money as decimals

8. Write $>$, $<$ or $=$ in each circle.

7.80 $=$ 7.8

0.37 $<$ 0.4

2.3 $>$ 2.09

Lesson 10.7 · Compare and order decimals

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

2.6

0.62

2.06

0.26

0.26 $<$ 0.62 $<$ 2.06 $<$ 2.6
least greatest

Lesson 10.7 · Compare and order decimals

10. Write each fraction as a decimal.
Then circle the benchmark the decimal is closest to.

$2\frac{1}{2} =$ 2.5

$3\frac{1}{4} =$ 3.25

$1\frac{4}{5} =$ 1.8

0.54 is
closest to

0 $\frac{1}{2}$ 1

Lesson 10.8 · Halves, fourths and fifths as decimals

11. Write the missing numbers. Write $>$, $<$ or $=$ in the circle.

$7 + 0.3 + 0.08 + 0.001 =$ 7.381

The 2 in 0.926 is worth 0.02

0.43 $>$ 0.428

Lesson 10.9 · Thousandths

12. Add or subtract.

$$\begin{array}{r} 3.6 \\ + 4.75 \\ \hline 8.35 \end{array}$$

$$\begin{array}{r} \$7.00 \\ - \$2.85 \\ \hline \$4.15 \end{array}$$

Lesson 10.10 · Add and subtract decimals