

**Test
B**
Unit 7: Decimals
**Chapter 5: Multiplication by Tens, Hundreds
or Thousands**

Circle the correct option, **A**, **B**, **C** or **D**.

1. Multiply 888.2 by 10.

A 8.882

B 88.82

C 8882

D 88,820

$$888.2 \rightarrow$$

2. Find the product of 0.258 and 100.

A 0.025

B 2.58

C 25.8

D 258

$$.258 \times 100 = 25.8$$

3. Multiply 91.8 by 1000.

A 0.00918

B 0.0918

C 9.18

D 91,800

$$91.8 \times 1000 = 91800$$

4. What is 0.036×40 ?

A 0.144

B 1.44

C 14.4

D 144

$$.036 \times 40$$

$$.036 \times 10 \times 4$$

$$.36 \times 4$$

$$\begin{array}{r} 2 \\ .36 \times 4 \\ \hline 1.44 \end{array}$$

5. What is 1.42×300 ?

A 0.426

B 4.26

C 42.6

D 426

$$\begin{array}{r} 1 \\ 142 \\ \times 3 \\ \hline 426 \end{array}$$

$$1.42 \times 300$$

$$1.42 \times 100 \times 3$$

$$142 \times 3$$

$$426$$

6. $0.94 \times 2000 = \underline{\quad}$

A 1.88

C 188

B 18.8

D 1880

0.94×2000
 $.94 \times 1000 \times 2$
 940×2
1880

7. Which sign belongs in the \bigcirc ?

$\overset{62.65}{6.265} \times 10 < \overset{62.65}{62.65} \times 100$

A $<$

C $>$

B $=$

D \div

8. Mrs. Purvis made 60 cups of coffee for a party. There was 0.25 l of coffee in each cup. How many liters of coffee did she make in all?

A 1.5 l

C 60.25 l

B 15 l

D 150 l

$60 \times .25$
/
 $6 \times 10 \times .25$
/
 6×2.5
15.0

9. A tile measures 12.6 in. by 10 in. What is the area of 8 such tiles?

A 126 in.²

C 1008 in.²

B 100.8 in.²

D 1260 in.²

$12.6 \times 10 \times 8 =$
/
 126×8
/
1008
24
 $\overline{126}$
1008

10. Elizabeth bought 10 pens at \$0.55 each and 10 erasers at \$0.30 each. How much did she spend in all?

A \$0.85

C \$8.50

B \$3.55

D \$85

$(.55 \times 10) + (.30 \times 10)$

$5.5 + 3$

$\overline{8.50}$
\$8.50

Test B

Unit 7: Decimals

Chapter 6: Division by Tens, Hundreds or Thousands

Circle the correct option, **A**, **B**, **C** or **D**.

1. What is the value of $655.7 \div 100$?

- A** 0.6557 **C** 65.57
B 6.557 **D** 6557

$$655.7 \rightarrow 6.557 \checkmark$$

2. What is the value of $113 \div 1000$?

- A** 0.113 **C** 11.3
B 1.13 **D** 113,000

$$113 \rightarrow .113$$

3. When 3.18 is divided by _____, it will give the answer 0.318.

- A** 10 **C** 1000
B 100 **D** 10,000

$$3.18 \div 10 = .318 \checkmark$$

4. When 41.4 is divided by _____, it will give the answer 0.138.

- A** 30 **C** 3000
B 300 **D** 30,000

$$41.4 \div 300 = ?$$

$$\begin{array}{r}
 13.8 \\
 3 \overline{) 41.4} \\
 \underline{30} \\
 11 \\
 \underline{9} \\
 24 \\
 \underline{24} \\
 0
 \end{array}$$

$$13.8 \div 100 = .138 \checkmark$$

$$100 \times 3 = 300 \checkmark$$

5. What is $6.37 \div 70$?

- A** 0.091 **C** 9.1
B 0.91 **D** 91

$$6.37 \div 70 = 0.091$$

$$.91 \div 10 = 0.091$$

$$0.091 \checkmark$$

6. _____ \div 4000 = 8.083
 What is the missing value?

- A 32.332
 B 323.32

- C 3233.2
 D 32,332

$$\begin{array}{r} 8083 \\ 4 \overline{) 32332} \\ \underline{32} \\ 33 \\ \underline{32} \\ 12 \\ \underline{12} \\ 0 \end{array}$$

7. $0.04 \div 10 = 0.4 \div \underline{\quad}$

What is the missing value?

A 10

C 1000

B 100

D 10,000

$$32332 \div 4 = 8083$$

$$38083 \div 1000 = 8.083$$

$$4 \times 1000 = 4000 \checkmark$$

8. $3.814 \times \underline{\quad} = 381,400 \div 100$

What is the missing value?

A 0.1

C 100

B 10

D 1000

9. Find the difference between $409.09 \div 10$ and $409 \div 100$.

A 36.819

C 36,809.1

B 44.999

D 44,990.9

$$40.909$$

$$4.09$$

$$\begin{array}{r} 40.909 \\ - 4.090 \\ \hline 36.819 \checkmark \end{array}$$

10. There was 5.5 l of water in a bucket. All the water was poured equally into 50 smaller containers. How many milliliters of water were there in each of the smaller containers?

A 0.11 ml

C 110 ml

B 27.5 ml

~~D~~ 275 ml

$$1 \text{ l} = 1000 \text{ ml} \quad \text{so} \quad 5.5 \text{ l} = 5500 \text{ ml}$$

$$5500 \div 50 = 5500 \div 5 \div 10$$

$$1100 \div 10$$

$$110$$