

Quiz today

Examples Before the quiz

1) a) $12.36 + 0.258$

$$\begin{array}{r} 12.\overset{\cdot}{3}60 \\ + 0.\overset{\cdot}{2}58 \\ \hline 12.\overset{\cdot}{6}18 \end{array}$$

b) $12.31 - 0.507$

$$\begin{array}{r} 12.\overset{\cdot}{3}10 \\ - 0.\overset{\cdot}{5}07 \\ \hline 11.\overset{\cdot}{8}03 \end{array}$$

2) a) 15.7×0.6

Think 157×6

$$\begin{array}{r} 15.\overset{\cdot}{7} \\ \times 0.\overset{\cdot}{6} \\ \hline 9.\overset{\cdot}{4}2 \end{array}$$

3) Find the sum of 30 and 0.276

$$\begin{array}{r} 30.000 \\ + 0.276 \\ \hline 30.276 \end{array}$$

4) Find the product of 14.5 and 2.7

multiple

Think 145×27

$$\begin{array}{r} 14.\overset{\cdot}{5} \\ \times 2.\overset{\cdot}{7} \\ \hline 1015 \\ + 290\textcircled{\times} \\ \hline 39.\overset{\cdot}{1}5 \end{array}$$

Name : _____

Multiplying Decimals

Hundredths: L151

A) Find the product.

1)
$$\begin{array}{r} 0.44 \\ \times 0.15 \\ \hline 220 \\ 440 \\ \hline 0.0660 \end{array}$$

2)
$$\begin{array}{r} 0.27 \\ \times 0.63 \\ \hline 1620 \\ 1620 \\ \hline 0.1701 \end{array}$$

3)
$$\begin{array}{r} 0.07 \\ \times 0.59 \\ \hline 00000 \\ 3500 \\ \hline 0.0413 \end{array}$$

4)
$$\begin{array}{r} 0.05 \\ \times 0.08 \\ \hline 40 \\ \hline = 0.0040 \end{array}$$

5)
$$\begin{array}{r} 0.14 \\ \times 0.02 \\ \hline 28 \\ \hline 0.0028 \end{array}$$

6)
$$\begin{array}{r} 0.76 \\ \times 0.21 \\ \hline 1520 \\ 1520 \\ \hline 0.1596 \end{array}$$

B) 1) Which of the following is the product of 0.95 and 0.22?

Estimate helps

$$\approx 0.22 \times 1 \approx 0.22$$

a) 0.209

b) 0.0029

c) 0.0209

2) Which of the following is the product of 0.03 and 0.39?

a) 0.1017

b) 0.0117

$$\begin{array}{r} 0.39 \\ \times 0.03 \\ \hline 117 \\ \hline 0.0117 \end{array}$$

c) 0.1107

Name : _____

Hundredths by tenths: L25

Multiplying Decimals

Find the product.

1) 3.93

$$\begin{array}{r} \times 8.1 \\ \hline \end{array}$$

$$31440$$

$$31833$$

2) 51.2

$$\begin{array}{r} \times 0.04 \\ \hline \end{array}$$

$$2.048$$

3) 27.35

$$\begin{array}{r} \times 10.8 \\ \hline \end{array}$$

$$21880$$

$$00000$$

$$273500$$

$$295.380$$

4) 12.49

$$\begin{array}{r} \times 7.2 \\ \hline \end{array}$$

$$2498$$

$$87430$$

$$89.928$$

5) 6.18

$$\begin{array}{r} \times 0.5 \\ \hline \end{array}$$

$$3090$$

$$0000$$

$$3.090$$

6) 48.76

$$\begin{array}{r} \times 1.3 \\ \hline \end{array}$$

$$14628$$

$$+ 48760$$

$$63.388$$

7) 16.4

$$\begin{array}{r} \times 4.27 \\ \hline \end{array}$$

$$1148$$

$$3280$$

$$65600$$

$$70.028$$

8) 0.73

$$\begin{array}{r} \times 3.9 \\ \hline \end{array}$$

$$657$$

$$+ 2190$$

$$2.847$$

Grade 8 Math Review on Decimals Day 1

Name: _____

Answer each of the following WITHOUT a calculator (Show work) BE NEAT

1.0.258 + 0.78

2) 107.03 + 12.4

3) 201.69 – 186.75

4) 2.36 – 1.487

$$\begin{array}{r} 0.\overset{1}{2}5\overset{2}{8} \\ + 0.\overset{1}{7}8\overset{0}{0} \\ \hline 1.\overset{1}{0}3\overset{2}{8} \end{array}$$

$$\begin{array}{r} 107.03 \\ + 12.40 \\ \hline 119.43 \end{array}$$

$$\left. \begin{array}{r} \overset{1}{2}0\overset{1}{1}.\overset{0}{6}9 \\ - 186.\overset{0}{7}5 \\ \hline 14.\overset{0}{9}4 \end{array} \right\} \begin{array}{r} \overset{1}{2}.\overset{2}{3}6\overset{0}{0} \\ - 1.\overset{1}{4}8\overset{0}{7} \\ \hline 0.\overset{0}{8}7\overset{0}{3} \end{array}$$

Round the following to the tenths place

1.98.36

6) 10.21

7) 16.987

8) 104. 34

98.4

10.2

17.0

104.3

For each of the following use your multiplication square to help answer (No calculators)

1.2.37 x 0.6

10) 14.8 x 0.35

11) 0.78 x 0.56

12) 10.3 x 0.47

$$\left. \begin{array}{r} \overset{2}{2}.\overset{4}{3}7 \\ \times \overset{0}{0}.\overset{6}{6} \\ \hline 1.\overset{4}{4}2\overset{2}{2} \end{array} \right\} \begin{array}{r} \overset{1}{1}4.\overset{2}{8} \\ \times \overset{0}{0}3\overset{5}{5} \\ \hline .\overset{7}{7}4\overset{0}{0} \\ + 4440 \\ \hline 5.180 \end{array} \left. \begin{array}{r} \overset{3}{0}.\overset{4}{7}8 \\ \times \overset{0}{0}.\overset{4}{5}6 \\ \hline .\overset{4}{4}68 \\ + 3900 \\ \hline .4368 \end{array} \right\} \begin{array}{r} \overset{1}{1}0.\overset{2}{3} \\ \times \overset{0}{0}.\overset{4}{4}7 \\ \hline \overset{7}{7}2\overset{1}{1} \\ + 4120 \\ \hline 4.841 \end{array}$$

1) 12.36 x 7.2

12.36
x 7.2

2472
86520

88992

2) 3.25 x 0.4

3.25
x 0.4

1300

3) 1.9 x 2.37

1.9
x 2.37

2133
2370

4503

4) 14.7 x 6.2

14.7
x 6.2

294
8820

9114

5) 60.7 x 124

60.7
x 124

2428
12140
+ 60700

75268

6) 8 x 54.7

8
x 54.7

4376

7) 12.7 + 0.25

12.70
+ 0.25

12.95

8) 14.3 - 1.24

14.30
- 1.24

13.06

9) 115.69 -

115.69
+ 21.24

136.93

Class/Homework

Quiz Today then complete

The Gr 8 Math Review on Decimals3

Name : _____

Multiplying Decimals

Hundredths: L151

A) Find the product.

1) 0.44

$$\begin{array}{r} \times 0.15 \\ \hline \end{array}$$

2) 0.27

$$\begin{array}{r} \times 0.63 \\ \hline \end{array}$$

3) 0.07

$$\begin{array}{r} \times 0.59 \\ \hline \end{array}$$

4) 0.05

$$\begin{array}{r} \times 0.08 \\ \hline \end{array}$$

5) 0.14

$$\begin{array}{r} \times 0.02 \\ \hline \end{array}$$

6) 0.76

$$\begin{array}{r} \times 0.21 \\ \hline \end{array}$$

B) 1) Which of the following is the product of 0.95 and 0.22?

a) 0.209

b) 0.0029

c) 0.0209

2) Which of the following is the product of 0.03 and 0.39?

a) 0.1017

b) 0.0117

c) 0.1107

Name : _____

Hundredths by tenths: L2S1

Multiplying Decimals

Find the product.

$$\begin{array}{r} 1) \quad 3.93 \\ \times 8.1 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 51.2 \\ \times 0.04 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 27.35 \\ \times 10.8 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 12.49 \\ \times 7.2 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 6.18 \\ \times 0.5 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 48.76 \\ \times 1.3 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 16.4 \\ \times 4.27 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 0.73 \\ \times 3.9 \\ \hline \end{array}$$