

5.3.18 Multiplying Decimals

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Multiply.

1)

$$\begin{array}{r} 0.306 \\ \times 0.6 \\ \hline \end{array}$$

1) _____

A) 0.1836

B) 0.001836

C) 18.36

D) 1.836

2)

$$\begin{array}{r} 0.0024 \\ \times 4.9 \\ \hline \end{array}$$

2) _____

A) 0.001176

B) 0.0001176

C) 0.01176

D) 0.1176

3) (17.81)(0.0019)

A) 0.043839

B) 0.133839

C) 0.033839

D) 0.023839

3) _____

4) (-12.9)(-6.5)

A) 0.8385

B) 838.5

C) 8.385

D) 83.85

4) _____

5)

$$\begin{array}{r} 26.1 \\ \times 8.9 \\ \hline \end{array}$$

5) _____

A) 232.4

B) 35

C) 232.29

D) 233.39

6) (1.88)(-4.89)

A) -0.091932

B) -9.1932

C) -91.932

D) -0.91932

6) _____

7)

$$\begin{array}{r} 0.040 \\ \times 4.8 \\ \hline \end{array}$$

7) _____

A) 4.84

B) 0

C) 4

D) 0.192

8) (-7.3)(7.37)

A) -5.3801

B) -53.801

C) -538.01

D) -0.53801

8) _____

9)

$$\begin{array}{r} 0.06 \\ \times 0.8 \\ \hline \end{array}$$

9) _____

A) 0.48

B) 4.8

C) 0.048

D) 0.0048

10) (0.07)(0.02)

A) 0.000014

B) 0.14

C) 0.014

D) 0.0014

10) _____

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- 11) $(993.67)(10)$ 11) _____
A) 99.367 B) 993.670 C) 9936.7 D) 99,367
- 12) $(4.9)(100)$ 12) _____
A) 4900 B) 0.049 C) 4.90000 D) 490
- 13) $(428.60)(-0.01)$ 13) _____
A) -0.4286 B) 4.286 C) 0.4286 D) -4.286
- 14) 4.4×0.01 14) _____
A) 0.0044 B) 0.44 C) 4.400 D) 0.044
- 15) 5.2×1000 15) _____
A) 5.200 B) 52,000 C) 0.0052 D) 5200
- 16) $(-8.610)(-0.01)$ 16) _____
A) 0.0861 B) -0.0861 C) 0.00861 D) 861
- 17) $(-6.665)(1000)$ 17) _____
A) -6665 B) -66,650 C) 6665 D) 0.006665

Solve.

- 18) A farmer sells 6000 bushels of cotton for \$3.55 a bushel. How much did the farmer receive? 18) _____
A) \$20,700.00 B) \$213,000.00 C) \$21,300.00 D) \$207,000.00
- 19) The nutrition chart on a bag of flavored cheese puffs says that each serving contains 3.7 grams of saturated fat. The chart also says that there are 3 servings in the bag. How many grams of saturated fat are in the entire bag of cheese puffs? 19) _____
A) 6.7 g B) 11.1 g C) 10.8 g D) 11 g
- 20) A printing company charges \$2.0645 for each wedding invitation it prints. What would be the cost (before tax) for printing 400 wedding invitations? (Round the answer to the nearest cent.) 20) _____
A) \$825.80 B) \$8258.00 C) \$7858.00 D) \$785.80
- 21) A meter is a unit of measure in the metric system that is approximately equal to 39.37 inches. Andre is 2.05 meters tall. What is his approximate height in inches? (Round to the nearest hundredth.) 21) _____
A) 8.07 in. B) 805.03 in. C) 80.50 in. D) 80.71 in.
- 22) Gustav earns \$8.90 per hour at his job. He worked 15 hours last week. Calculate Gustav's pay before taxes. 22) _____
A) \$133.95 B) \$133.50 C) \$133.53 D) \$133.77

Answer Key

Testname: 5.3.18 MULTIPLY DECIMALS 1

- 1) A
- 2) C
- 3) C
- 4) D
- 5) C
- 6) B
- 7) D
- 8) B
- 9) C
- 10) D
- 11) C
- 12) D
- 13) D
- 14) D
- 15) D
- 16) A
- 17) A
- 18) C
- 19) B
- 20) A
- 21) D
- 22) B