



THIRD SPACE  
LEARNING

# Multiplying and Dividing Decimals Worksheet

Number and Quantity  
6.NS.B.3

Grades 6 to 8

## Skill Questions

Name: .....

Date: .....

1  $2.52 \times 5.7$

Answer

2  $5.12 \times 6.3$

Answer

3  $13.78 \times 8.6$

Answer

4  $4.48 \div 0.02$

Answer

5  $1.804 \div 2.2$

Answer

## Multiplying and Dividing Decimals Worksheet | Grades 6 to 8

6  $0.695 \div 0.5$

Answer

7  $1.64 \times 2.2 \div 0.2$

Answer

8  $0.49 \times 3.7 \div 0.5$

Answer

9  $36.3 \times 4.2 \div 0.002$

Answer

10  $2.8^2 \div 1.4$

Answer

## Applied Questions

- 11** Find the total cost of 8 rolls of wallpaper with a price of \$4.72 each.

Answer

- 12** The total cost of 6 identical cans of paint is \$88.74. Find the cost of 4 of the cans of paint.

Answer

- 13** Find the cost of 14 bottles of sparkling water if they each cost \$1.47.

Answer

- 14 1 inch is approximately 2.54 centimeters. What is 3.6 inches in centimeters?

Answer

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- 15 A triangle has a base of 3.4cm and a perpendicular height of 5.1cm. Find the area of the triangle.

Answer

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# Answers

Question number	Question	Answers	Standard
1	$2.52 \times 5.7$	14.364	6.NS.B.3
2	$5.12 \times 6.3$	32.256	6.NS.B.3
3	$13.78 \times 8.6$	118.508	6.NS.B.3
4	$4.48 \div 0.02$	224	6.NS.B.3
5	$1.804 \div 2.2$	0.82	6.NS.B.3
6	$0.695 \div 0.5$	1.39	6.NS.B.3
7	$1.64 \times 2.2 \div 0.2$	18.04	6.NS.B.3
8	$0.49 \times 3.7 \div 0.5$	3.626	6.NS.B.3
9	$36.3 \times 4.2 \div 0.002$	76,230	6.NS.B.3
10	$2.8^2 \div 1.4$	5.6	6.NS.B.3
11	Find the total cost of 8 rolls of wallpaper with a price of \$4.72 each.	\$37.76	6.NS.B.3
12	The total cost of 6 identical cans of paint is \$88.74. Find the cost of 4 of the cans of paint.	\$59.16	6.NS.B.3
13	Find the cost of 14 bottles of sparkling water if they each cost \$1.47.	\$20.58	6.NS.B.3

## Multiplying and Dividing Decimals Worksheet | Grades 6 to 8 | Answers




Question number	Question	Answers	Standard
14	1 inch is approximately 2.54 centimeters. What is 3.6 inches in centimeters?	9.144cm	6.NS.B.3
15	A triangle has a base of 3.4cm and a perpendicular height of 5.1cm. Find the area of the triangle.	8.67cm <sup>2</sup>	6.NS.B.3

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