

# Key Answer



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Name: Worksheet(4)

Grade:6(A)

Subject : Math

Date :

**Learn** to multiply decimals by whole numbers and by decimals.

**Exercise (1) : Evaluate the following :**

$$1) 8 \times 0.6 = 4.8$$

↓      ↓  
0 + ① = 1

$$2) 0.921 \times 3 = 2.763$$

$$\begin{array}{r} 921 \\ \times 3 \\ \hline 2763 \end{array}$$

$$3) 7.6 \times 0.25 = 1.9$$

①      ②

$$76 \times 25 = 1900 = 1.9$$

$$\begin{array}{r} 76 \\ \times 25 \\ \hline 380 \\ 1520 + \\ \hline 1900 \end{array}$$

4)  $0.\underline{00}7 \times 0.\underline{9} = \boxed{0.\underline{00}63}$

$\textcircled{3} + \textcircled{1} = 4$

5)  $0.\underline{6} \times 2.\underline{05} = \boxed{1.\underline{23}0} = \boxed{1.23}$

$\textcircled{1} + \textcircled{2} = 3$

$\begin{array}{r} 205 \\ \times 6 \\ \hline 1230 \end{array}$

6)  $0.\underline{21} \times 46.\underline{5} = \boxed{9.\underline{76}5}$

$2 + 1 = 3$

$\begin{array}{r} 465 \\ \times 21 \\ \hline 9300 \\ + 465 \\ \hline 9765 \end{array}$

7)  $1.\underline{96} \times 0.\underline{003} = \boxed{0.\underline{00}588}$

$2 + 3 = 5$

$\begin{array}{r} 196 \\ \times 3 \\ \hline 588 \end{array}$

8)  $43.5 \times 0.075 =$  3.2625

$\downarrow$       $\downarrow$   
 ①     +     ③ = 4

$$\begin{array}{r}
 \textcircled{6} \quad \textcircled{3} \\
 \cancel{4} \cancel{3} \cancel{5} \times \\
 \quad \quad \quad \cancel{7} \cancel{5} \times \\
 \hline
 \textcircled{1} \\
 2175 \\
 30450 + \\
 \hline
 32625
 \end{array}$$

9)  $4.25 \times 6 =$  25.50  $=$  25.5

$\downarrow$   
 ②

$$\begin{array}{r}
 \textcircled{1} \quad \textcircled{3} \\
 425 \\
 \times 6 \\
 \hline
 2550
 \end{array}$$

10)  $2 \times 70.89 =$  141.78

$\downarrow$       $\downarrow$   
 0     +     ② = 2

①①  
 7089  
 2x  
 14178

11)  $16.03 \times 5 =$  80.15

$\downarrow$       $\downarrow$   
 ③     ①  
 1603x  
 8015

12)  $0.3 \times 0.7 =$

$\downarrow$       $\downarrow$   
 1     +     1 = ②

0.21

13)  $3 \times 0.7 =$

$\downarrow$       $\downarrow$   
 0     +     1 = 1

2.1

14)  $0.03 \times 0.007 =$

$\downarrow$       $\downarrow$   
 2     +     3 = 5

0.00021

Exercise (2): choose the correct answer :

1)  $1.2 \times 4 = 4.8$

a) 48

b) 4.8

c) 0.48

d) 4.08

$$\begin{array}{r} 12 \times \\ \underline{4} \\ 48 \end{array}$$

2)  $0.32 \times 2.4 = 0.768$

a) 7.68

b) 1.20

c) 0.768

d) 0.120

$$\begin{array}{r} 32 \\ \times 24 \\ \hline 128 \\ 640 \\ \hline 768 \end{array}$$

3)  $0.004 \times 5 = 0.020 = 0.02$

a) 20

b) 0.002

c) 0.02

d) 0.200