

Adding & Subtracting Decimals

When adding or subtracting decimals make sure to line up the terms so that all of the place values are in a vertical line. based on the decimal point.

Ex.1
2.124 + 5.455

$$\begin{array}{r} 2.124 \\ + 5.455 \\ \hline 7.579 \end{array}$$

Ex.2
7.89 - 3.96

$$\begin{array}{r} 7.89 \\ - 3.96 \\ \hline 3.93 \end{array}$$

You Try!

1.) 8.7 + 3.8 + 12.3

$$\begin{array}{r} 8.7 \\ + 3.8 \\ + 12.3 \\ \hline 24.8 \end{array}$$

2.) 2.37 - 0.031

$$\begin{array}{r} 2.370 \\ - 0.031 \\ \hline 2.339 \end{array}$$

3.) 143.587 + 22.96

$$\begin{array}{r} 143.587 \\ + 22.96 \\ \hline 166.547 \end{array}$$

4.) 24 - 19.2

$$\begin{array}{r} 24.0 \\ - 19.2 \\ \hline 04.8 \end{array}$$

Ex.1
5.4 + (-9.7)

$$\begin{array}{r} 5.4 - 9.7 \\ - 9.7 \\ + 5.4 \\ \hline -4.3 \end{array}$$

Ex.2
2.2 - 7.3

$$\begin{array}{r} 2.2 - 7.3 \\ - 7.3 - 2.2 \\ \hline -5.1 \end{array}$$

Ex.3
9.5 + 19.3

$$\begin{array}{r} 9.5 + 19.3 \\ 19.3 + 9.5 \\ \hline 28.8 \end{array}$$

Ex.4
(-9.1) + 3.5

$$\begin{array}{r} 9.1 - 3.5 \\ - 3.5 - 9.1 \\ \hline -5.6 \end{array}$$

Ex.2: Jill measures some scrap boards in her garage to see if she has enough to make a border around her garden. She needs 10 meters total. The boards measure 2.75 meters, 3.2 meters, 1.65 meters, and 2.6 meters. Does Jill have enough?

$$\begin{array}{r} 2.75 \\ 3.20 \\ 1.65 \\ 2.60 \\ \hline 10.2 \end{array}$$

Warm up 10/2

Solve: $-3 \cdot 3$

$$\begin{aligned} & -2(4^2 + (-3)^2) \\ & -2(16 + 9) \\ & -2(25) \\ & \underline{-50} \end{aligned}$$