

Math 7 Notes
Addition and Subtraction of
Decimals
 (Not in our textbook)

When you add or subtract decimals, you must line up the decimal points!

Examples:

$\begin{array}{r} 245.00 \\ - 1.32 \\ \hline 243.68 \end{array}$	$\begin{array}{r} 45.1 \\ - 23.0 \\ \hline 22.1 \end{array}$	$\begin{array}{r} 18. \\ + 48.6 \\ \hline 66.6 \end{array}$
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Problem: $-2.8 + 16$

ADD absolute values
OR
SUBTRACT absolute values

$$\begin{array}{r} 16.0 \\ - 2.8 \\ \hline 13.2 \end{array}$$

Answer Positive OR Negative

+
13.2

Problem: $-125 - 2.67$
 $-125 + -2.67$

ADD absolute values
OR
SUBTRACT absolute values

$$\begin{array}{r} 125. \\ + 2.67 \\ \hline 127.67 \end{array}$$

Answer Positive OR Negative

-
127.67

Problem: $-4.5 - -1.6$
 $-4.5 + 1.6$

ADD absolute values
OR
SUBTRACT absolute values

$$\begin{array}{r} 4.5 \\ - 1.6 \\ \hline 2.9 \end{array}$$

Answer Positive OR Negative

-
2.9

Problem: $12.5 - 80$
 $12.5 + -80$

ADD absolute values
 OR
 SUBTRACT absolute values

Answer
 Positive
 OR
 Negative

$$\begin{array}{r} 79 \\ 80.0 \\ -12.5 \\ \hline 67.5 \end{array}$$

-67.5

Problem: $-6.23 + 135$

ADD absolute values
 OR
 SUBTRACT absolute values

Answer
 Positive
 OR
 Negative

$$\begin{array}{r} 49 \\ 135.00 \\ -6.23 \\ \hline 128.77 \end{array}$$

128.77

Problem: $-0.05 - -5.5$
 $-0.05 + 5.5$

ADD absolute values
 OR
 SUBTRACT absolute values

Answer
 Positive
 OR
 Negative

$$\begin{array}{r} 5.40 \\ -0.05 \\ \hline 5.45 \end{array}$$

5.45

Problem: $-1.235 - 17.1$
 $-1.235 + -17.1$

ADD absolute values
 OR
 SUBTRACT absolute values

Answer
 Positive
 OR
 Negative

$$\begin{array}{r} 1.235 \\ +17.1 \\ \hline 18.335 \end{array}$$

-18.335