

3.1 Adding & Subtracting Decimals

Objective: To add & subtract decimals



To Add or Subtract Decimals

It's the same thing as adding or subtracting whole numbers!!!

Step 1: Put the numbers in a vertical column, and **align** the decimal point

Step 2: **Attach zeros**, if needed

Step 3: Add or subtract each column of digits, starting at the right

Step 4: Place the decimal point in the answer directly below the decimal point above

Examples

1) $4.75 + 3.6$

$$\begin{array}{r} 4.75 \\ + 3.6 \\ \hline \end{array}$$

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$$\begin{array}{r} 4.75 \\ + 3.60 \\ \hline \end{array}$$

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$$\begin{array}{r} 1) \quad 4.75 + 3.6 \\ \quad \quad 4.75 \\ + \quad 3.60 \\ \hline \quad \quad 8.35 \end{array}$$

Examples

$$\begin{array}{r} 1) \quad 4.75 + 3.6 \\ \quad \quad 4.\overset{1}{7}5 \\ + \quad 3.\overset{1}{6}0 \\ \hline \quad \quad 8.\overset{1}{3}5 \end{array}$$

$$\begin{array}{r} 2) \quad 15 + 12.14 \\ \quad \quad 15.\overset{1}{0}0 \\ + \quad 12.\overset{1}{1}4 \\ \hline \quad \quad 27.\overset{1}{1}4 \end{array}$$

Examples

$$\begin{array}{r} 1) \quad 4.75 + 3.6 \\ \quad 4\overset{1}{\underset{|}{:}}75 \\ + 3\overset{|}{:}60 \\ \hline \quad 8\overset{|}{:}35 \end{array}$$

$$\begin{array}{r} 2) \quad 15 + 12.14 \\ \quad 15\overset{|}{:}00 \\ + 12\overset{|}{:}14 \\ \hline \quad 27\overset{|}{:}14 \end{array}$$

$$\begin{array}{r} 3) \quad 3.25 - 2.2 \\ \quad 3\overset{|}{:}25 \\ - 2\overset{|}{:}20 \\ \hline \quad 1\overset{|}{:}05 \end{array}$$

Examples

$$\begin{array}{r} 1) \quad 4.75 + 3.6 \\ 4 \overset{1}{\cdot} 75 \\ + 3 \cdot 60 \\ \hline 8 \cdot 35 \end{array}$$

$$\begin{array}{r} 2) \quad 15 + 12.14 \\ 15 \cdot 00 \\ + 12 \cdot 14 \\ \hline 27 \cdot 14 \end{array}$$

$$3) \quad 3.25 - 2.2$$

$$\begin{array}{r} 3 \cdot 25 \\ - 2 \cdot 20 \\ \hline 1 \cdot 05 \end{array}$$

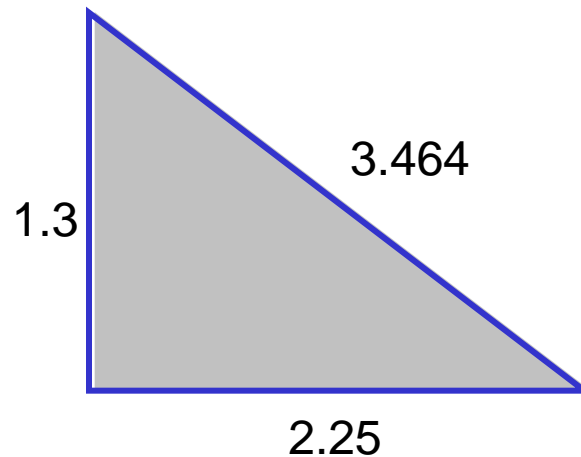
$$4) \quad 4 - .208$$

$$\begin{array}{r} 4 \cdot 000 \\ - \cdot 208 \\ \hline 3 \cdot 792 \end{array}$$

Perimeter

Perimeter – Distance around a geometric figure

Find the perimeter for the triangle



$$\begin{array}{r} 1 1 \\ 1 300 \\ + 2 250 \\ \hline + 3 464 \\ \hline 7 014 \end{array}$$