

3-6] Add / Subtract decimals

Place value



3.4

↓
and

0.6

6 tenths = 60¢ same as 0.60

0.008

↓ ↓
place
holders

eight thousandths

$$1) \quad 3 \frac{1}{10} = \frac{1}{10} \longrightarrow 3.1$$

$$+ 6 \frac{2}{5} = \frac{4}{10} \longrightarrow + 6.4$$

$$\begin{array}{r} 9.5 \\ \hline 9.1 \\ \hline 1.2 \end{array} \quad \begin{array}{r} 9.5 \\ \hline 1.5 \end{array}$$

* To Add/Sub. dec. \rightarrow ALWAYS LINE DECIMALS UP

$$2) \quad 47.68 + 7.8$$

$$\begin{array}{r} 47.68 \\ + 07.80 \\ \hline 55.48 \end{array}$$

* Don't see dec.
always behind
#

$$3) \quad 7 - 2.35$$

$$\begin{array}{r} 69 \\ \cancel{7}00 \\ - 2.35 \\ \hline 4.65 \end{array}$$

← on sub.
must put zeros
in top # so all #'s
have a partner

$$\begin{array}{r} 69 \\ \cancel{7}00 \\ 799 \\ \hline 80.20 \end{array}$$

*could v

$$\begin{array}{r} 47.68 \\ + 2.35 \\ \hline 50.03 \end{array}$$

$$4) \quad 26.05 + 8.2 = m$$

$$\begin{array}{r} 26.05 \\ + 08.20 \\ \hline m = 34.25 \end{array} \quad \rightarrow \text{to check}$$

$$5) \quad c = 90 - 9.85$$

$$\begin{array}{r} 899, \\ \cancel{900,0} \\ - 0985 \\ \hline c = 80,15 \end{array}$$

6) Evaluate $m+n$ if $m=9.24$ and $n=14.817$.

$m+n$ are variables

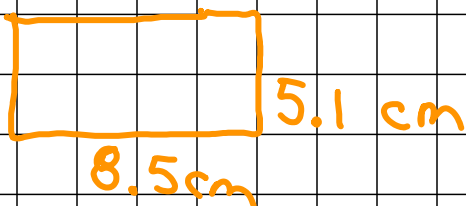
substitute then
work out

$$\begin{array}{r} 09.240 \\ + 14.817 \\ \hline 24.057 \end{array}$$

7) Evaluate $x+y$ if $x=4.56$ and $y=19.367$

$$\begin{array}{r} 19.367 \\ + 04.560 \\ \hline 23.927 \end{array}$$

8) Find the perimeter of the rectangle.



$$\begin{array}{r} 8.5 \\ \cancel{8.5} \\ 8.5 \ 5.1 \\ + 5.1 \\ \hline 13.6 \\ + 5.1 \\ \hline 18.7 \\ + 5.1 \\ \hline 23.8 \\ + 3.6 \\ \hline 27.4 \end{array}$$

27.2 cm