

Handout**Reinforcement****ANSWER
KEY****4 – 1
Section 21****Adding and Subtracting
Decimal Numbers**

1. Find the results of the operations. Make sure you **line up** the digits and the decimal points correctly.

a) $67.8 + 20.91 =$ **88.71** b) $178.99 - 43.76 =$ **135.23** c) $220.44 - 114.36 =$ **106.08**

$$\begin{array}{r} 1 \\ 67.80 \\ + 20.91 \\ \hline 88.71 \end{array}$$

$$\begin{array}{r} 178.99 \\ - 43.76 \\ \hline 135.23 \end{array}$$

$$\begin{array}{r} 1 \quad 31 \\ 220.44 \\ - 114.36 \\ \hline 106.08 \end{array}$$

d) $56.9 - 23.45 =$ **33.45** e) $16.78 + 32.12 =$ **48.90** f) $123.4 + 98.45 =$ **221.85**

$$\begin{array}{r} 81 \\ 56.90 \\ - 23.45 \\ \hline 33.45 \end{array}$$

$$\begin{array}{r} 1 \\ 16.78 \\ + 32.12 \\ \hline 48.90 \end{array}$$

$$\begin{array}{r} 11 \\ 123.40 \\ + 98.45 \\ \hline 221.85 \end{array}$$

g) $29.43 - 19.27 =$ **10.16** h) $63.07 + 19.82 =$ **82.89** i) $54.03 - 21.12 =$ **32.91**

$$\begin{array}{r} 31 \\ 29.43 \\ - 19.27 \\ \hline 10.16 \end{array}$$

$$\begin{array}{r} 1 \\ 63.07 \\ + 19.82 \\ \hline 82.89 \end{array}$$

$$\begin{array}{r} 31 \\ 54.03 \\ - 21.12 \\ \hline 32.91 \end{array}$$




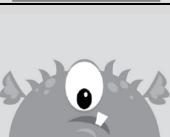
j) $41.92 - 17.77 =$ **24.15** k) $38.02 - 15.32 =$ **22.70** l) $53.06 + 19 =$ **72.06**

$$\begin{array}{r} 31 \quad 81 \\ 41.92 \\ - 17.77 \\ \hline 24.15 \end{array}$$

$$\begin{array}{r} 71 \\ 38.02 \\ - 15.32 \\ \hline 22.70 \end{array}$$

$$\begin{array}{r} 1 \\ 53.06 \\ + 19.00 \\ \hline 72.06 \end{array}$$

2. The 4 monsters below are competing in a javelin event. These are the distances that each monster's javelin travelled on their 2 throws:

	1st Throw	2nd Throw	Total
Growler 	6.25 m	5.9 m	12.15 m
Gigi 	6.42 m	5.3 m	11.72 m
Kelvin 	5.98 m	6.02 m	12 m
Sassy 	6.15 m	6.07 m	12.22 m

a) **Calculate** the total distance that each monster's javelin travelled. **Write** the results in the table above.

Growler	Gigi	Kelvin	Sassy
$\begin{array}{r} 1 \\ 6.25 \\ + 5.90 \\ \hline 12.15 \end{array}$	$\begin{array}{r} 6.42 \\ + 5.30 \\ \hline 11.72 \end{array}$	$\begin{array}{r} 11 \\ 5.98 \\ + 6.02 \\ \hline 12.00 \end{array}$	$\begin{array}{r} 1 \\ 6.15 \\ + 6.07 \\ \hline 12.22 \end{array}$

b) How many metres farther than Kelvin's did Sassy's javelin travel?

0.22 m

My calculation
$\begin{array}{r} 12.22 \\ - 12.00 \\ \hline 0.22 \end{array}$

c) How many metres shorter than Growler's did Gigi's javelin travel?

0.43 m

My calculation
$\begin{array}{r} 11 \\ 12.15 \\ - 11.72 \\ \hline 0.43 \end{array}$