Basic Two-step Equations with Unknown on Through your working, show how you are keeping the the variable. Round to 1 d.p. if necessary.	Name: http://www.learnersgrid.com	
[1] 8.4m + 17 = 75.8	$\frac{f}{8} + 150.9 = 154.9$	[3] 76.4 = 6.6m + 17
[4] 5m - 12 = 26.5	[5] 7m - 11 = 86.3	[6] 198.4 = 9m – 23
[7] -6.4m + 23 = 10.2	[8] $\frac{W}{7}$ - 21 = 49.13	[9] 3 = -4.5m + 12
[10] 9m - 8.9 = -89.9	[11] 9m - 9 = -185.4	[12] 269.6 = 12m - 10

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Basic Two-step Equations with Unknown on One Side

Through your working, show how you are keeping the equation balanced as you solve for the variable. Round to 1 d.p. if necessary.

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[1]	$8.4m + 17 = 75.8$ $-17 - 17$ $8.4m = 58.8$ $\div 8.4 \div 8.4$ $m = 7.0$	[2]	$\frac{f}{8} + 150.9 = 154.9$ $\frac{-150.9}{-150.9} - 150.9$ $\frac{f}{8} = 4$ $8 \times 8 \times 8$ $f = 32$	[3]	76.4 = 6.6m + 17 - 17 - 17 59.4 = 6.6m $\div 6.6 \div 6.6$ 9.0 = m m = 9.0
[4]	5m - 12 = 26.5 + 12 + 12 5m = 38.5 $\div 5 \div 5$ m = 7.7	[5]	7m - 11 = 86.3 + 11 + 11 7m = 97.3 $\div 7 \div 7$ m = 13.9	[6]	198.4 = 9m - 23 + 23 + 23 $221.4 = 9m + 23$ $24.6 = m$ $m = 24.6$

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m = 9.0

[7]	-6.4m + 23 = 10.2 -23 - 23 -6.4m = -12.8 $\div -6.4 \div -6.4$ m = 2.0	$\begin{bmatrix} 8 \end{bmatrix} \qquad \frac{W}{7} = 21 = 49.13 \\ +21 = +21 \\ \frac{W}{7 \times 7} = 70.129 \\ \frac{W}{7 \times 7} \times 7 \\ W = 490.9 \\ \end{bmatrix}$	[9] 3 = $-4.5m + 12$ -12 $-12-9$ = $-4.5m\div -4.52.0$ = m m = 2.0
[10]	9m - 8.9 = -89.9	[11] $9m - 9 = -185.4$	[12] $269.6 = 12m - 10$
	+ 8.9 + 8.9	+ 9 + 9	+ 10 + 10
	9m = -81	9m = -176.4	279.6 = 12m
	$\div 9 \div 9$	$\div 9 \div 9$	$\div 12 \div 12$
	m = -9.0	m = -19.6	23.3 = m