

CHECK YOUR UNDERSTANDING QUESTIONS - Solving 2-Step Equations

1. $4t - 7$, $t = 6$

$$\begin{array}{r} 4(6) - 7 \\ 24 - 7 \\ \hline \boxed{17} \end{array}$$

2. $45/m + 4$, $m = 9$

$$\begin{array}{r} \frac{45}{9} + 4 \\ \hline 5 + 4 \\ \hline \boxed{9} \end{array}$$

3. $38 - 2r$, $r = 3$

$$\begin{array}{r} 38 - 2(3) \\ 38 - 6 \\ \hline \boxed{32} \end{array}$$

4. $8 + 3u$, $u = 6$

$$\begin{array}{r} 8 + 3(6) \\ 8 + 18 \\ \hline \boxed{26} \end{array}$$

5. $40 - 12/s$, $s = 4$

$$\begin{array}{r} 40 - \frac{12}{4} \\ 40 - 3 \\ \hline \boxed{37} \end{array}$$

6. $7 - x + 10$, $x = 2$

$$\begin{array}{r} 7 - 2 + 10 \\ 5 + 10 \\ \hline \boxed{15} \end{array}$$

7. $16/u + 3$, $u = 4$

$$\begin{array}{r} \frac{16}{4} + 3 \\ \hline 4 + 3 \\ \hline \boxed{7} \end{array}$$

8. $14 - n/2$, $n = 10$

$$\begin{array}{r} 14 - \frac{10}{2} \\ \hline 14 - 5 \\ \hline \boxed{9} \end{array}$$