

$$\textcircled{1} \quad x + 9 = 18$$

$$\begin{array}{r} -9 \quad -9 \\ \hline x = 9 \end{array}$$

$$\textcircled{2} \quad t - 2 = 6$$

$$\begin{array}{r} +2 \quad +2 \\ \hline t = 8 \end{array}$$

$$\textcircled{3} \quad 6 = y - (-11)$$

$$6 = y + 11$$

$$\begin{array}{r} -11 \quad -11 \\ \hline -5 = y \end{array}$$

$$\textcircled{4} \quad -3 = a + (-4)$$

$$-3 = a - 4$$

$$\begin{array}{r} +4 \quad +4 \\ \hline 1 = a \end{array}$$

$$\textcircled{5} \quad 19 - (-y) = 25$$

$$\begin{array}{r} 19 + y = 25 \\ -19 \quad -19 \\ \hline \end{array}$$

$$\underline{\underline{y = 6}}$$

$$\textcircled{6} \quad a - 3 = -2$$

$$\begin{array}{r} +3 \quad +3 \\ \hline a = 1 \\ \hline \hline \end{array}$$

$$\textcircled{7} \quad \begin{array}{r} -4x = 1 \\ -4 \quad -4 \\ \hline x = -\frac{1}{4} \\ \hline \hline \end{array}$$

$$\textcircled{8} \quad \begin{array}{r} x = -30.5 \\ 5 \cdot 5 \\ \hline x = -150 \\ \hline \hline \end{array}$$

$$\textcircled{9} 3.10 = 3 \frac{2}{3} \text{ m}$$

$$\frac{30}{2} = \frac{2}{2} \text{ m}$$

$$\underline{\underline{15 = \text{m}}}$$

$$\textcircled{9} \frac{3.10^5}{12} = \frac{3}{2} \left(\frac{2}{3} \text{ m} \right)$$

$$\underline{\underline{15 = \text{m}}}$$

$$\textcircled{10} \frac{3r}{3} = \frac{21}{3}$$

$$\underline{\underline{r = 7}}$$

$$\textcircled{11} \frac{288}{16} = \frac{16v}{16}$$

$$\underline{\underline{18 = v}}$$

$$\begin{array}{r} \textcircled{13} \quad 3x + 7 = -8 \\ \quad \quad \underline{-7 \quad -7} \\ \quad \quad 3x = -15 \\ \quad \quad \underline{\quad \quad 3 \quad \quad 3} \\ \quad \quad x = -5 \\ \quad \quad \underline{\underline{\quad \quad}} \end{array}$$

$$\begin{array}{r} \textcircled{14} \quad \cancel{7x} - \cancel{3x} - 8 = 24 \\ \quad \quad \underline{4x - 8 = 24} \\ \quad \quad \quad \quad \underline{+8 \quad +8} \\ \quad \quad \quad 4x = 32 \\ \quad \quad \quad \underline{\quad \quad 4 \quad \quad 4} \\ \quad \quad \quad x = 8 \\ \quad \quad \quad \underline{\underline{\quad \quad}} \end{array}$$

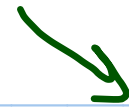
$$\begin{array}{r} \textcircled{15} \quad 8x - 2(x + 7) = 16 \\ \quad \quad 8x - 2(x) - 2(7) = 16 \\ \quad \quad \underline{\cancel{8x} - \cancel{2x} - 14 = 16} \\ \quad \quad \quad \quad 6x - 14 = 16 \\ \quad \quad \quad \quad \underline{+14 \quad +14} \\ \quad \quad \quad \quad 6x = 30 \\ \quad \quad \quad \quad \underline{\quad \quad 6 \quad \quad 6} \\ \quad \quad \quad \quad x = 5 \\ \quad \quad \quad \quad \underline{\underline{\quad \quad}} \end{array}$$

How to take A Mastery Test

① Read (look) the question

Ask: Can I Answer this?

yes



No → Skip it

Ask: Can I Answer in Under 1min?

Yrs



No → Circle the question & skip it.

↓
Do it