

Two-Step Equations

Solve each equation.

$$1) \left(6 = \frac{a}{4} + 2\right) \cdot 4 \quad * \text{ Sample}$$

$$\begin{array}{r} 24 = a + 8 \\ -8 \quad -8 \\ \hline 16 = a \end{array}$$

2) $-6 + \frac{x}{4} = -5$

3) $9x - 7 = -7$

4) $0 = 4 + \frac{n}{5}$

5) $-4 = \frac{r}{20} - 5$

6) $-1 = \frac{5+x}{6}$

7) $\frac{v+9}{3} = 8$

8) $2(n+5) = -2$

9) $-9x + 1 = -80$

10) $-6 = \frac{n}{2} - 10$

11) $-2 = 2 + \frac{v}{4}$

12) $144 = -12(x+5)$

*to make sure you are correct, plug your answer back into original