

2-STEP EQUATIONS

name _____
per. _____ date _____

Solve the following by arranging into layers & doing the opposite operation to both sides.

1.) $2x + 6 = 18$

$$\begin{array}{r} -6 \quad -6 \\ \hline 2x = 12 \\ \div 2 \quad \div 2 \\ \hline x = 6 \end{array}$$

2.) $4m - 3 = 21$

3.) $\frac{m}{2} + 8 = 12$

4.) $\frac{m}{4} - 7 = 15$

5.) $2m + 4 = 27$

6.) $\frac{v}{2.2} + 3 = 12.2$

7.) $1.2n - 9 = 32$

8.) $2y - 5\frac{3}{8} = 10\frac{3}{4}$

9.) $\frac{1}{4}F - 12 = 32$

10.) $-3x + 6 = 36$

11.) $4c + 16 = 2$

12.) $\frac{m}{2} + 6 = -15$