
Tutor-USA.com Worksheet
Pre-Algebra
Solving Three Step Equations

Name: _____
Date: _____

Solve the equations.

(1) $2x + 12 = 18$

(2) $5x - 15 = 10 - 3x$

(3) $5x - 10x + 20 = 20$

(4) $\frac{2x}{3} - 8 = 8$

(5) $\frac{2x}{3} + 2 = 12$

(6) $2x + 8 = 24$

(7) $-5x + 4 = 100$

(8) $3x + \frac{3}{2} = -12$

(9) $12 = 11x - 40$

(10) $2x - 1.2x + 1.5x$

(11) $\frac{-3}{2}x + \frac{1}{4} = 1\frac{3}{4}$

(12) $\frac{x}{2} - \frac{1}{4} = \frac{1}{2}$

Write the one equation for the given situations. Solve.

- (13) A student brought some pencils for \$2.20 each and a pen for \$1.10. The total cost was \$16.00. How many pencils did the student buy?