



The Top 10 Algebra 1 Problems

Every Parent Should Do With Their Child

Solve for x : $x + 7 = 11$

What is the slope of the line through the points (3, 6) and (6, -6)?

Solve for x : $x - 4 = 28$

What is the equation of the line with a y-intercept of -11 and a slope of 5?

Solve for x : $-150 = -3x$

Multiply: $(x + 4)(x - 7)$

Solve for x : $\frac{1}{2}x = 32$

Factor: $x^2 + 2x - 24$

Solve for x : $15 + 3x = -60$

If your bank account currently has \$630, and you plan to add a deposit of \$30 each month, how many months will it take before you have \$990 saved in your account?



Answer Key

$$x = 4$$

$$-4$$

$$x = 32$$

$$y = 5x - 11$$

or $y = -11 + 5x$

$$x = 50$$

$$x^2 - 3x - 28$$

$$x = 64$$

$$(x - 4)(x + 6)$$

or $(x + 6)(x - 4)$

$$x = -25$$

12 months or 1 year