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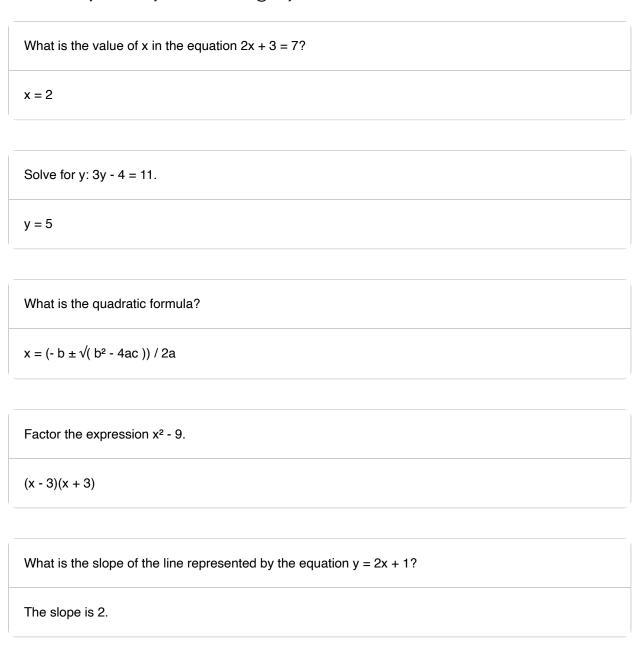
Algebra Flashcards PDF

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What is the value of x in the equation 2x + 3 = 7?

$x = 2$

Solve for y: 3y - 4 = 11.

$y = 5$

What is the quadratic formula?

$x = (-b \pm \sqrt{b^2 - 4ac})/2a$

Factor the expression x^2 - 9.

$(x - 3)(x + 3)$

What is the slope of the line represented by the equation y = 2x + 1?

The slope is 2.

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If $f(x) = 3x + 4$, what is $f(2)$?

$f(2) = 10$.

What is the solution to the system of equations: $2x + y = 10$ and $x - y = 2$?

$x = 4$, $y = 2$.

What is the value of x in the equation $5(x - 1) = 20$?

$x = 5$.

Simplify the expression: $4(2x + 3) - 2(x - 1)$.

$6x + 14$.

What is the y-intercept of the line $3x + 2y = 6$?

The y-intercept is 3.

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