

Ascend Math Flashcards PDF

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

$x = 2$

What is the area of a rectangle with a length of 5 and a width of 3?

Area = 15

What is the Pythagorean theorem?

$a^2 + b^2 = c^2$

What is the slope of the line that passes through the points (2,3) and (4,7)?

Slope = 2

What is the quadratic formula?

$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

What is the value of π (pi) to two decimal places?

$\pi \approx 3.14$

What is the sum of the interior angles of a triangle?

180 degrees

What is the formula for the circumference of a circle?

Circumference = $2\pi r$

What is the value of 5! (5 factorial)?

$5! = 120$

What is the distance formula?

Distance = $\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$

What is the definition of a prime number?

A prime number is a natural number greater than 1 that has no positive divisors other than 1 and itself.