quadratic formula

discriminant

using the discriminant to determine number of solutions

value of discriminant	# of solutions
	# of x-intercepts

Use quadratic formula to solve the equation.

$2x^2 - 8x - 10 = 0$

Use quadratic formula to solve the equation.

$2x^2-12x+14=0$

Use quadratic formula to solve the equation.

$6x^2+9x-60=0$

Use quadratic formula to solve the equation.

$4n^2+8n-45=0$

Use quadratic formula to solve the equation.

$6x^2+5x-21=0$

Find the discriminant and give the number of solutions.

$2x^2 - 16x + 32 = 0$

Find the discriminant and give the number of solutions.

$x^2 + 7x + 11 = 0$

Find the discriminant and give the number of solutions.

$8a^2 + 8p + 5 = 0$

Find the discriminant and give the number of solutions.

$5x^2 + 15x = 10x - 3x^2$