

MATHEMATICS

Algebra - Quadratic Equations

1. What is the standard form of a quadratic equation?:

a) $ax^2 + bx + c = 0$

b) $ax + b = 0$

c) $ax^3 + bx^2 + cx + d = 0$

d) $ax + by = c$

1. What is the discriminant formula?:

a) $a + b + c$

b) $b^2 - 4ac$

c) $a^2 + b^2$

d) $-b/2a$

1. If the discriminant is negative, what does it mean?:

a) One real root

b) Two real roots

c) Two complex roots

d) No solution exists

ANSWERS

1. a

2. b

3. c