

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) $ax + by = c$
2. What is the discriminant formula?:
 - a) $a + b + c$
 - b) $b^2 - 4ac$
 - c) $a^2 + b^2$
 - d) $-b/2a$
3. 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