

Class 10 Mathematics - Quadratic Equations

Name: _____

Date: _____

Easy Worksheet 1

Questions

1. Define a quadratic equation.
2. What is the standard form of a quadratic equation?
3. Identify the coefficients a, b and c in:
$$2x^2 + 5x - 3 = 0$$
4. Is $x^2 - 7 = 0$ a quadratic equation?
5. Is $3x^3 + 2x - 1 = 0$ a quadratic equation?
6. What is the degree of a quadratic equation?

Answer Key

1. An equation of the form $ax^2 + bx + c = 0$ where $a \neq 0$.
2. $ax^2 + bx + c = 0$
3. $a = 2, b = 5, c = -3$
4. Yes
5. No
6. 2