



Class 10 Mathematics – Quadratic Equations Worksheet (Easy 1)

Name: _____

Date: _____

Q1. Check whether $(x+1)^2 = 2(x-3)$ is quadratic.

Answer: Yes. Simplifies to $x^2-7=0$.

Q2. Find roots of $x^2-3x-10=0$.

Answer: Roots are 5 and -2.

Q3. Find roots of $2x^2+x-6=0$.

Answer: Roots are $3/2$ and -2.

Q4. Find discriminant of $2x^2-4x+3=0$.

Answer: Discriminant = -8.

Q5. State nature of roots of $x^2+4x+4=0$.

Answer: Equal real roots.

Q6. Find roots of $x^2-9=0$.

Answer: Roots are 3 and -3.