



Class 10 Mathematics – Quadratic Equations Worksheet (Easy 3)

Name: _____

Date: _____

Q1. Find roots of $x^2-7x+12=0$.

Answer: Roots are 3 and 4.

Q2. Find roots of $2x^2-8x+6=0$.

Answer: Roots are 1 and 3.

Q3. Check whether $(x+2)^3=x^3-4$ is quadratic.

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

Q4. Find discriminant of $x^2-2x+1=0$.

Answer: Discriminant = 0.

Q5. State nature of roots of $x^2-9=0$.

Answer: Distinct real roots.

Q6. Find roots of $x^2+x-12=0$.

Answer: Roots are 3 and -4.