



Class 10 Mathematics – Quadratic Equations Worksheet (Advanced 3)

Name: _____

Date: _____

Q1. Find roots of $x^2-11x+24=0$.

Answer: Roots are 3 and 8.

Q2. Find roots of $2x^2-9x+4=0$.

Answer: Roots are 4 and $1/2$.

Q3. Find discriminant of $4x^2-4x+1=0$.

Answer: Discriminant = 0.

Q4. State nature of roots of $4x^2-4x+1=0$.

Answer: Equal real roots.

Q5. Find roots of $x^2-14x+49=0$.

Answer: Roots are 7 and 7.

Q6. Find roots of $x^2-12x+35=0$.

Answer: Roots are 5 and 7.