Worksheet | Quadratics & Parabolas

Solving quadratic equations

Name: _____ Date: _____

6 questions | 17 marks

1. Solve $x^2 = 49$. [2 marks]

2. Solve $x^2 - 9x = 0$. [3 marks]

3. Solve $x^2 + 7x + 10 = 0$. [3 marks]

4. Solve $x^2 - 2x - 15 = 0$. [3 marks]

5. Solve $x^2 - 8x + 16 = 0$. How many different roots are there? [3 marks]

6. A square has area 64 cm^2. Its side length is s cm. Write and solve an equation to find s. [3 marks]