Practice worksheet | Quadratics and polynomial graphs

Solving by factorisation

Name: _____ Date: _____

6 questions | 13 marks

1. Solve $x^2 - 9x + 20 = 0$. [2 marks]

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

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

4. Solve $4x^2 - 25 = 0$. [2 marks]

5. Solve $x^2 + 6x + 9 = 0$. [2 marks]

6. A rectangle has sides x cm and $(x + 2)$ cm and area 48 square centimetres. Find x. [3 marks]