Practice worksheet | Quadratics and Parabolas

Zero-product principle and integer-root equations

Name: _____ Date: _____

6 questions | 14 marks

1. Solve $(x-4)(x+6)=0$. [2 marks]

2. Solve $x^2+7x+12=0$. [2 marks]

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

4. Solve $x^2 = 9x$. [2 marks]

5. Solve $x^2 + x = 20$. [3 marks]

6. A student divides $x^2 = 5x$ by x and gives only $x = 5$. Find the missing solution and explain. [3 marks]