

**Exit Ticket: Factoring to Solve Quadratic Equations****Solve the equation using the Zero-Product Property.**

**1**  $(x + 4)(x - 2) = 0$

**2**  $(3x - 12)(4x + 3) = 0$

**3**  $-8n(n - 2) = 0$

**What are the solutions of the equation?**

**4**  $z^2 - 14z + 45 = 0$

**5**  $5z^2 + 25z + 20 = 0$

**6**  $c^2 - 8c = 0$

**7**  $x^2 + 4x = 12$

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**Answer Section**

**1** -4,2

**2**  $4, -\frac{3}{4}$

**3** 0, 2

**4** 5, 9

**5** -1, -4

**6** 0, 8

**7** 2, -6