

Name: \_\_\_\_\_

- 1 What is the solution set of the equation  $3x^2 = 48$ ?  
010215a (1)  $\{-2, -8\}$  (3)  $\{4, -4\}$   
(2)  $\{2, 8\}$  (4)  $\{4, 4\}$
- 2 A solution of the equation  $\frac{x^2}{4} = 9$  is  
010808a (1) 12 (3) 3  
(2) 6 (4)  $\frac{3}{2}$
- 3 What is the positive solution of the equation  $4x^2 - 36 = 0$ ?  
080733a
- 4 The solution to the equation  $x^2 - 6x = 0$  is  
080921ia (1) 0, only (3) 0 and 6  
(2) 6, only (4)  $\pm\sqrt{6}$
- 5 What is the solution set of the equation  $x^2 - 5x = 0$ ?  
010727a (1)  $\{0, 5\}$  (3)  $\{0\}$   
(2)  $\{0, 5\}$  (4)  $\{5\}$
- 6 The solution set for the equation  $x^2 - 2x - 15 = 0$  is  
080012a (1)  $\{5, 3\}$  (3)  $\{-5, 3\}$   
(2)  $\{5, -3\}$  (4)  $\{-5, -3\}$
- 7 The solution set of the equation  $x^2 - 4x - 12 = 0$  is  
060725a (1)  $\{-6, 2\}$  (3)  $\{-2, 6\}$   
(2)  $\{-4, 3\}$  (4)  $\{-3, 4\}$
- 8 What is the solution set of  $m^2 - 3m - 10 = 0$ ?  
080118a (1)  $\{5, -2\}$  (3)  $\{3, -10\}$   
(2)  $\{2, -5\}$  (4)  $\{3, 10\}$
- 9 What is the solution set of the equation  $x^2 - 5x - 24 = 0$ ?  
060313a (1)  $\{-3, 8\}$  (3)  $\{3, 8\}$   
(2)  $\{-3, -8\}$  (4)  $\{3, -8\}$
- 10 What is the solution set for the equation  $x^2 - 5x + 6 = 0$ ?  
010520a (1)  $\{-6, 1\}$  (3)  $\{-2, -3\}$   
(2)  $\{6, -1\}$  (4)  $\{2, 3\}$