

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) $\{2, 3\}$