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Solving Quadratic Equations by Factoring

Practice Worksheet A

1 Practice Problems

Solve each equation by factoring.

1) $(x + 2)(x + 3) = 0$

5) $x^2 + 9x + 20 = 0$

2) $(x - 5)(x + 1) = 0$

6) $x^2 - 5x - 14 = 0$

3) $x^2 + 7x + 10 = 0$

7) $x^2 + 12x + 36 = 0$

4) $x^2 - 6x + 9 = 0$

8) $x^2 - 3x - 28 = 0$

Solving Quadratic Equations by Factoring

Practice Worksheet A

1 Practice Problems

Solve each equation by factoring.

1) $(x + 2)(x + 3) = 0$

$\{-3, -2\}$

5) $x^2 + 9x + 20 = 0$

$\{-5, -4\}$

2) $(x - 5)(x + 1) = 0$

$\{-1, 5\}$

6) $x^2 - 5x - 14 = 0$

$\{-2, 7\}$

3) $x^2 + 7x + 10 = 0$

$\{-5, -2\}$

7) $x^2 + 12x + 36 = 0$

$\{-6\}$

4) $x^2 - 6x + 9 = 0$

$\{3\}$

8) $x^2 - 3x - 28 = 0$

$\{-4, 7\}$