

Solve by Factoring - HW

Date _____

Solve each equation by factoring.

1) $m^2 + 11m + 28 = 0$

2) $n^2 + 2n - 48 = 0$

3) $x^2 - 4x - 21 = 0$

4) $n^2 - 8n + 7 = 0$

$$5) 6x^2 + x - 12 = 0$$

$$6) 3x^2 - 19x - 14 = 0$$

$$7) 7x^2 + 8x + 1 = 0$$

$$8) 2k^2 - 21k + 40 = 0$$

Answers to Solve by Factoring - HW

1) $\{-7, -4\}$

2) $\{6, -8\}$

3) $\{7, -3\}$

4) $\{7, 1\}$

5) $\left\{-\frac{3}{2}, \frac{4}{3}\right\}$

6) $\left\{-\frac{2}{3}, 7\right\}$

7) $\left\{-\frac{1}{7}, -1\right\}$

8) $\left\{\frac{5}{2}, 8\right\}$