

Mr. Lewis

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

Algebra Practice Problems02182020 - ANSWERS

Date: \_\_\_\_\_

1)  $x^2 - 18x + 72 = 0$  **answer:**  $x = 6$  and  $12$

2)  $x^2 - 16x + 48 = 0$  **answer:**  $x = 4$  and  $12$

3)  $x^2 - 13x + 30 = 0$  **answer:**  $x = 10$  and  $3$

4)  $x^2 + 7x + 6 = 0$  **answer:**  $x = -6$  and  $-1$

5)  $x^2 + 8x - 48 = 0$  **answer:**  $x = 4$  and  $-12$

6)  $-12x^2 + 12x + 9 = 0$  **answer:**  $x = \frac{3}{2}$  and  $\frac{1}{2}$

7)  $2x^2 + 7x + 3 = 0$  **answer:**  $x = -3$  and  $-\frac{1}{2}$

8)  $-24x^2 - 10x + 21 = 0$  **answer:**  $x = -\frac{7}{6}$  and  $\frac{3}{4}$

9)  $5x^2 - 24x - 5 = 0$  **answer:**  $x = 5$  and  $\frac{1}{5}$

10)  $-15x^2 + 14x + 49 = 0$  **answer:**  $x = \frac{7}{3}$  and  $-\frac{7}{5}$