

Name _____

FACTORING POLYNOMIALS #1

Directions: Factor each polynomial below. In the space provided, write your answer as the product of two binomials.

Examples: $x^2 - 9x - 10 = \underline{(x - 10)(x + 1)}$ and $x^2 - x - 20 = \underline{(x - 5)(x + 4)}$

1) $x^2 - 2x - 15 =$ _____

2) $x^2 - 7x - 18 =$ _____

3) $x^2 - 4x - 32 =$ _____

4) $x^2 - 5x - 50 =$ _____

5) $x^2 - 15x - 100 =$ _____

6) $x^2 - 8x - 48 =$ _____

7) $x^2 - 14x - 32 =$ _____

8) $x^2 - 10x - 96 =$ _____

9) $x^2 - 6x - 7 =$ _____

10) $x^2 - 24x - 25 =$ _____