



Grade 9 :

**Activity:** Choose the correct factorization of the given trinomials.

$$x^2 + 10x + 16$$

☐  $(x - 2)(x - 8)$

☐  $(x + 4)(x + 4)$

☐  $(x + 2)(x + 8)$

☐  $(x - 4)(x - 4)$

$$x^2 - 5x - 36$$

☐  $(x - 9)(x + 4)$

☐  $(x + 6)(x - 6)$

☐  $(x + 9)(x - 4)$

☐  $(x - 12)(x + 3)$

$$x^2 - x - 42$$

☐  $(x - 21)(x + 2)$

☐  $(x - 14)(x + 3)$

☐  $(x - 7)(x + 6)$

☐  $(x + 21)(x - 2)$

$$x^2 + 2x - 15$$

☐  $(x - 7.5)(x + 2)$

☐  $(x - 3)(x + 5)$

☐  $(x + 3)(x - 5)$

☐  $(x + 7.5)(x - 2)$

$$x^2 + 7x + 12$$

☐  $(x + 6)(x + 2)$

☐  $(x - 4)(x - 3)$

☐  $(x - 6)(x - 2)$

☐  $(x + 4)(x + 3)$