

FACTORING PUZZLE

Use the digits 0-9 to fill in the squares. Each digit can be used only once.

$$x^2 - x - \square = (x + 2)(x - \square)$$

$$x^2 - 1\square x + 1\square = (x - 2)(x - \square)$$

$$x^2 + \square x + 1\square = (x + \square)(x + 2)$$

$$x^2 - \square x - 24 = (x - 6)(x + \square)$$

Source: Public Schools of North Carolina Resources for Algebra