

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

Score: \_\_\_\_\_

**Factorize the Trinomials**

Problems

Work Space

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

Answer:

$$x^2 - 4x - 21$$

Answer:

$$m^2 + m - 30$$

Answer:

$$y^2 - 10y + 24$$

Answer:

$$a^2 - a - 72$$

Answer:

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### Answers

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

Answer:  $(x + 3)(x + 4)$

$$x^2 - 4x - 21$$

Answer:  $(x - 7)(x + 3)$

$$m^2 + m - 30$$

Answer:  $(m + 6)(m - 5)$

$$y^2 - 10y + 24$$

Answer:  $(y - 6)(y - 4)$

$$a^2 - a - 72$$

Answer:  $(a - 9)(a + 8)$