

Factoring Trinomials

1. Factor each trinomial completely:

$$x^2 + 14x + 40$$

2. Factor each trinomial completely:

$$q^2 + 6q - 72$$

3. Factor each trinomial completely:

$$-p^2 + 5p + 50$$

4. Factor each trinomial completely:

$$m^2 + 13mn + 30n^2$$

5. Factor each trinomial completely:

$$3x^2 - 11x - 20$$

6. Factor each trinomial completely:

$$28y^2 - y - 2$$

7. Factor each trinomial completely:

$$14r^2 + 39r + 10$$

8. Factor each trinomial completely:

$$4m^2 + 19mn - 5n^2$$