

Factoring Trinomials

1. Factor each trinomial completely:
(Similar to p.369 #26)

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

2. Factor each trinomial completely:
(Similar to p.369 #32)

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

3. Factor each trinomial completely:
(Similar to p.369 #36)

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

4. Factor each trinomial completely:
(Similar to p.369 #38)

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

5. Factor each trinomial completely:
(Similar to p.369 #42)

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

6. Factor each trinomial completely:
(Similar to p.369 #48)

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

7. Factor each trinomial completely:
(Similar to p.369 #50)

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

8. Factor each trinomial completely:
(Similar to p.369 #52)

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