

# Factoring Quadratic Expressions (E)

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

Date: \_\_\_\_\_

Factor each expression.

1.  $4x^2 + 18x + 20$

11.  $20x^2 + 80x - 45$

2.  $-20x^2 - 55x - 30$

12.  $10x^2 - 5x - 5$

3.  $-12x^2 - 68x - 80$

13.  $-16x^2 - 116x - 120$

4.  $20x^2 - 85x + 20$

14.  $16x^2 + 84x - 196$

5.  $16x^2 - 32x + 12$

15.  $-4x^2 - 4x + 24$

6.  $-16x^2 - 180x - 324$

16.  $10x^2 + 95x + 120$

7.  $8x^2 + 18x + 10$

17.  $8x^2 - 62x - 16$

8.  $-15x^2 + 50x + 40$

18.  $-20x^2 + 60x + 135$

9.  $6x^2 - 44x + 48$

19.  $-8x^2 + 50x - 72$

10.  $-5x^2 + 45x - 40$

20.  $20x^2 - 125$