

# Factoring Quadratic Expressions (H)

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

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

Factor each expression.

1.  $-6x^2 - 63x - 120$

11.  $16x^2 - 108x - 160$

2.  $-12x^2 + 129x - 189$

12.  $-16x^2 - 116x + 96$

3.  $12x^2 - 48x + 21$

13.  $-20x^2 - 15x + 35$

4.  $15x^2 + 25x - 10$

14.  $-5x^2 - 40x + 45$

5.  $-8x^2 - 4x + 4$

15.  $-2x^2 - 14x - 24$

6.  $-15x^2 - 55x - 30$

16.  $16x^2 + 100x + 144$

7.  $-4x^2 + 10x + 36$

17.  $-12x^2 - 76x - 24$

8.  $-8x^2 + 38x - 42$

18.  $20x^2 - 35x - 75$

9.  $12x^2 - 80x + 128$

19.  $6x^2 - 21x - 45$

10.  $-16x^2 + 28x + 8$

20.  $-4x^2 + 18x + 162$