

# Factoring Quadratic Expressions (I)

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

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

Factor each expression.

1.  $18x^2 + 22x + 4$

11.  $8x^2 + 36x - 140$

2.  $-150x^2 + 215x - 75$

12.  $108x^2 - 228x - 56$

3.  $-160x^2 + 372x - 216$

13.  $-20x^2 - 188x - 224$

4.  $-4x^2 + 18x + 10$

14.  $-112x^2 + 74x - 12$

5.  $81x^2 + 198x - 48$

15.  $-112x^2 + 26x + 6$

6.  $-40x^2 - 30x + 135$

16.  $21x^2 + 99x - 162$

7.  $-56x^2 + 204x + 216$

17.  $32x^2 - 88x - 252$

8.  $72x^2 - 96x + 14$

18.  $6x^2 + 21x + 18$

9.  $90x^2 - 82x + 8$

19.  $32x^2 + 12x - 14$

10.  $-9x^2 + 87x - 168$

20.  $200x^2 - 255x + 70$