

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

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

# FACTORIZING PERFECT CUBES WORKSHEET



Factor each expression.

1.  $-6m - 7 = 63 - 11m$

2.  $5 + 18n = 12n + 35$

3.  $7 + 11q = 13q - 5$

4.  $-11w - 7 = -2 - 6w$

5.  $12j - 3 = 13 + 10j$

6.  $-2 + 12y = 7y + 13$

7.  $11 - 5c = -8c - 10$

8.  $-12z + 5 = -35 - 7z$

9.  $-3 + 19r = 11r + 117$

10.  $-11 + 18r = 12r - 29$

11.  $-15b - 14 = -32 - 13b$

12.  $-10 - 9p = -12p - 13$

13.  $-2 - 5r = -7r + 12$

14.  $-6x + 9 = 30 - 3x$

15.  $-12 + 7x = 4x - 18$

16.  $-8 + 23j = 13j + 122$

17.  $-16h - 7 = -4 - 13h$

18.  $8 + 12v = 6v + 14$

19.  $3k - 1 = -3 + 5k$

20.  $16b + 7 = -65 + 8b$