

REVIEW WKST FACTOING SUM/DIFFERENCE OF CUBES

Period _____

Factor each.

1) $x^7 + 5x^5 - 16x^3 - 80x = 0$

2) $x^6 - 3x^4 - 25x^2 + 75 = 0$

3) $x^6 - 2x^4 - 25x^2 + 50 = 0$

4) $x^6 + 3x^4 - x^2 - 3 = 0$

5) $x^3 + 27 = 0$

6) $x^3 - 64 = 0$

7) $x^3 + 64 = 0$

8) $x^3 + 125 = 0$

9) $x^3 - 8 = 0$

10) $x^3 - 125 = 0$

11) $x^3 + 8 = 0$

12) $x^3 + 1 = 0$

13) $x^5 + 5x^4 + 3x^3 + 15x^2 = 0$

14) $x^5 - 125x^2 = 0$