

Book: Algebra 1 Edition: Algebra 1

Name: _____

Factoring A Sum/Difference of Cubes

Date: _____ Period: _____

Factor each completely.

1. $x^3 + 125$

2. $x^3 + 27$

3. $x^3 + 64$

4. $x^3 + 8$

5. $x^3 + 27$

6. $125 + x^3$

7. $8 - x^3$

8. $x^3 - 125$

9. $x^3 - 27$

10. $x^3 - 8$

11. $8x^3 + 27$

12. $-125x^3 + 8$