

Math Sheet

Name _____ Score _____ / 12 Teacher _____ Date _____

Factoring Cubes

Factor each sum or difference of cubes completely.

1. $x^3 - 512y^3$

2. $x^3 + 8$

3. $x^3 + 343y^3$

4. $x^3 - 64y^3$

5. $x^3y + 27y$

6. $x^3 + 1$

7. $x^3y - 729y$

8. $x^4 - x$

9. $x^4 + 64x$

10. $x^4 + 27x$

11. $x^3 - 1$

12. $x^3y - 125y$
