**ASSIGNMENT (Unit 1 / Day 4)** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Unit 6: Factoring Sums & Differences of Cubes STANDARD

*Factor .*

1. x3 – 64
2. 27x4 + x
3. 64x3 + 125
4. 54x3 – 16y3
5. x3y6 – 64

**ASSIGNMENT (Unit 1/ Day 4)**  Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
Solving Sums & Differences of Cubes STANDARD

*Directions: Solve for x.*

1. x3 + 64 = 0
2. 2x3 = - 54
3. x4 – x = 0
4. 4x3 – 32 = 0
5. 64x3 – 1 = 0