Unit 2 Study guide 2 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Estimate and place on a number line.

0 1 2 3 4 5 6 7

2. What’s the difference between rational and irrational numbers? Give an example of each. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Simplify 4. Simplify

5.

6. 7.

8. Solve

9. Solve

10. 11. 12.

13. If the volume of a cube is 27. Determine the length of a side of that cube.

14. Ivan can rent a car for $20 and $.30 per mile from AAA car rental, or he could rent a car from PRO car rental for $25 and $.10 per mile. How many miles would he drive to spend a equal amount of money at both places.