**Lesson 13.5: Square Roots**

**Do Now:**

Solve the following exponents:

1. (-4)3 = -64
2. -43 = -64
3. (-2x)4 = 16x4
4. -2x4 = -16x4
5. (3xy)3 = 27x3y3
6. Look at number 1 in the Do-Now. If the exponent were even, would the answer be positive or negative? For number 2 in the Do-Now, would the exponent make a difference in the sign of the answer?

**Positive. No.**

**Independent Practice:**

**Find the following square roots.**

1. **= 4**
2. **= 15**
3. **= 13**
4. **= 17**
5. **= 14**

**Give the two numbers between which the following numbers can be found. Then give a rough estimate of the following numbers to the tenth’s place.**

1. **= 1 and 2; 1.7**
2. **= 3 and 4; 3.2**
3. **= 4 and 5; 4.1**