**Square Roots/Decimal values Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**1) Circle each question below that can be evaluated to an exact solution. Then evaluate. (Hint: Look for perfect squares!)**

**2) Star all questions that do not contain perfect squares. Then estimate the value of the expression.**

1)  2)  3) 

4)  5)  6) 

7)  8)  9) 

10)  11)  12) 

**Substitute the given value, then evaluate the expression. Evaluate or estimate the solution.**

13)  if x = 5 feet 14)  if x = 4900 feet

**Put the following numbers in order from smallest to largest. Show math thinking!**

15)  16) 

17) True or False: The square root of a positive number is always less than the number. \_\_\_\_\_\_\_ Why?

The square root of an even perfect square is always an even number. \_\_\_\_\_\_\_ Why?

Challenge: Find two integers *a* and *b* between 1 and 20 such that *a2 + b2* is a perfect square.