

MasterMath

Name _____

Approximating and Finding Square Roots

Date _____

1. **Please determine or estimate the Square Root.**

Please do not use a calculator for this exercise.

If your estimates are within 1/10th of the correct answer, you are correct!

Number	Square Root
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	

Number	Square Root
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
45	
67	
89	
94	

2. The area of a circle is 50.24 Sq In. What is the radius of the circle?

3. The area of a square is $20 \frac{1}{4}$ sq cm. What is the length of the sides of this square?

4. The larger square is made up of 16 smaller squares. What is the length of the sides of square "a"?

