**Grade 9 Math Section 1.1-1.2 Assignment Practice Sheet**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is ? \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_

2. Determine \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Square \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Find the square root of 0.0064 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Determine the number whose square root is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. Estimate using benchmarks. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. Estimate to 1 decimal place. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. Determine a number that has a square root between 3.7 and 3.8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. Is a perfect square? Show why or why not.

10. Estimate to 2 decimal places. Show all steps.

11. Determine if each number is a perfect square:

A. B. C. D.

12. A square garden has an area of .

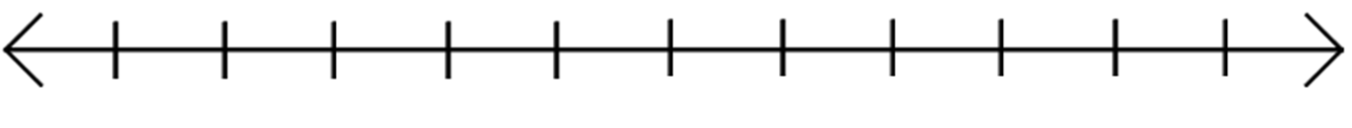
A. What is the length of 1 side?

B. What is the perimeter of the garden?

C. If fencing costs $2.50 per metre, how much would it cost to fence the garden?

13. Place each square root correctly on the number line below:

, ., , ,

 0 1 2 3 4 5