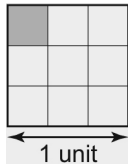


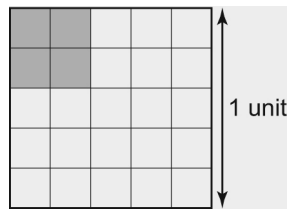
Lesson 1: Square Roots of Perfect Squares

1. Use each diagram to determine the value of the square root.

a)



b)



2. Which numbers below are perfect squares? How do you know?

a)

b) 2.89

c)

d) 0.004

3. Calculate the number whose square root is:

a)

b) 1.6

c) 0.92

d)

4. Determine the value of each square root.

a)

b)

c)

d)

5. Determine the value of each square root.

a)

b)

c)

d)

6. The area of a square garden is 12.25 m^2 .

a) Determine the perimeter of the garden.

b) The owner decides to put a gravel pathway around the garden.
This reduces the area of the garden by 4.96 m^2 .
What is the new side length of the garden?