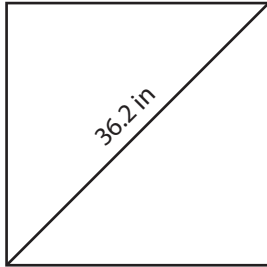


Name : \_\_\_\_\_

## Area of a Square

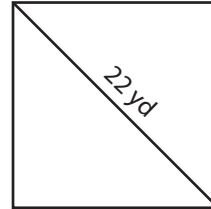
A) Find the area of each square. Round your answer to the nearest hundredth.

1)



Area = \_\_\_\_\_

2)



Area = \_\_\_\_\_

3) What is the area of the square?

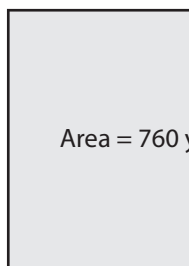
\_\_\_\_\_

4) The diagonal of a square is 10 units long. What is the area of the square?

\_\_\_\_\_

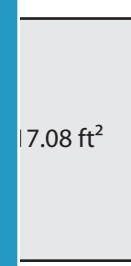
B) Find the length of the diagonal of the square.

5)



Diagonal = \_\_\_\_\_

6) Find the area of the square. Round your answer to the nearest tenth.



7) If the area of a square is 28.9 square inches, what is the length of the diagonal?

\_\_\_\_\_

8) The area of a square is 312 square yards. Determine the length of the diagonal.

\_\_\_\_\_

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

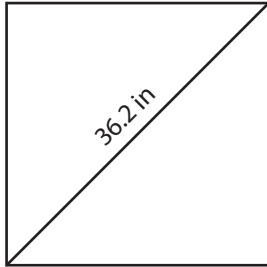
## Answer key

Sheet 3

### Area of a Square

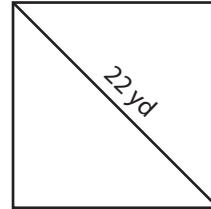
A) Find the area of each square. Round your answer to the nearest hundredth.

1)



Area = 655.22 in<sup>2</sup>

2)



Area = 242 yd<sup>2</sup>

3) What is the area of the square?

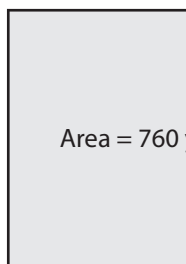
423.41 square inches

4) The diagonal of a square is 16 inches. What is the area of the square?

128 square inches

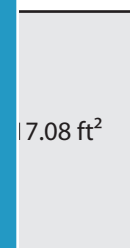
B) Find the length of the diagonal of the square.

5)



Diagonal = 31.3 yd

6) Find the length of the diagonal of the square. Round your answer to the nearest tenth.



15.3 ft

7) If the area of a square is 28.9 square inches, what is the length of the diagonal?

7.6 inches

8) The area of a square is 312 square yards. Determine the length of the diagonal.

25 yards

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