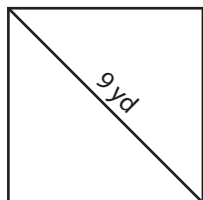


Name : _____

Area of a Square

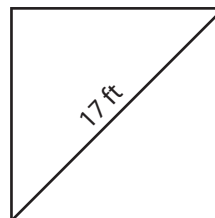
A) Find the area of each square. Round your answer to the nearest hundredth.

1)



Area = _____

2)



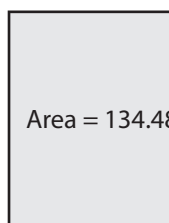
Area = _____

3) The diagonal of a square is 10 units long. Find the area of the square.

4) What is the area of a square with a diagonal of 10 units?

B) Find the length of the diagonal of a square with an area of 134.44 square inches. Round your answer to the nearest tenth.

5)



Diagonal = _____

7) A square has an area of 677.12 square yards. Find the length of the diagonal.

8) If the area of a square is 396.92 square feet, what is the length of the diagonal?

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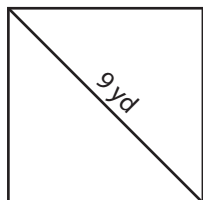
Answer key

Sheet 2

Area of a Square

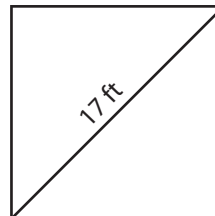
A) Find the area of each square. Round your answer to the nearest hundredth.

1)



Area = 40.5 yd²

2)



Area = 144.5 ft²

3) The diagonal of a square is 17.5 feet. Find the area of the square.

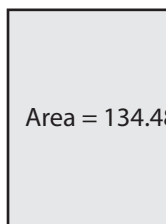
226.85 square feet

4) What is the area of a square with a side length of 24.1 yards?

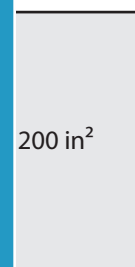
578 square yards

B) Find the length of the diagonal of a square with an area of 400 square inches. Round your answer to the nearest tenth.

5)



Diagonal = 16.5 feet



20 in

7) A square has an area of 677.12 square yards. Find the length of the diagonal.

36.8 yards

8) If the area of a square is 396.92 square feet, what is the length of the diagonal?

28.2 feet

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