

Name : _____

Diagonal of a Square

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

1) side length = 2 yd

Diagonal = _____

2) side length = 53 ft

Diagonal = _____

3) side length = 17.3 in

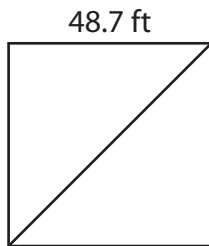
Diagonal = _____

4) side length = 95 yd

Diagonal = _____

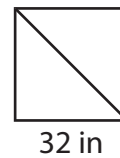
B) Find the length of the diagonal of each square. Round your answer to the nearest tenth.

5)



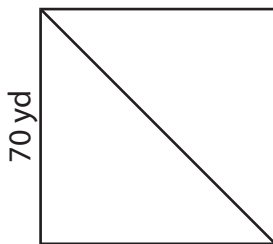
Diagonal = _____

6)



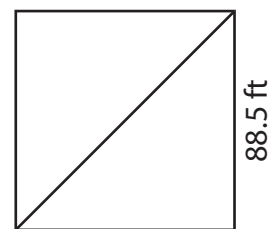
Diagonal = _____

7)



Diagonal = _____

8)



Diagonal = _____

9) The side length of a square is 22 yards. What is the length of the diagonal?

Name : _____

Answer key

Sheet 1

Diagonal of a Square

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

1) side length = 2 yd

Diagonal = 2.8 yd

2) side length = 53 ft

Diagonal = 75 ft

3) side length = 17.3 in

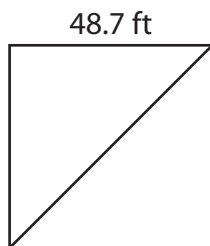
Diagonal = 24.5 in

4) side length = 95 yd

Diagonal = 134.4 yd

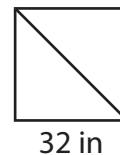
B) Find the length of the diagonal of each square. Round your answer to the nearest tenth.

5)



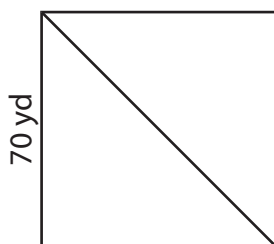
Diagonal = 68.9 ft

6)



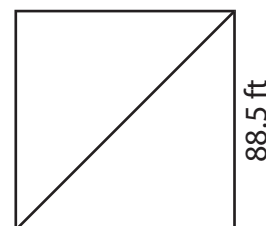
Diagonal = 45.3 in

7)



Diagonal = 99 yd

8)



Diagonal = 125.2 ft

9) The side length of a square is 22 yards. What is the length of the diagonal?

31.1 yards