

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 = 58 ft

2) side length = 1.1 in

Diagonal = _____

Diagonal = _____

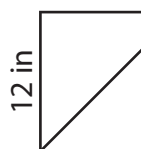
3) side length = 23 yd

4) side length = 90 in

Diagonal = _____

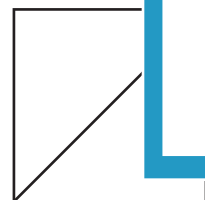
B) Find the length of the diagonal of each square. Round your answer to the nearest tenth.

5)



Diagonal = _____

7)



Diagonal = _____



Diagonal = _____

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9) If the side length of a square is 47.6 feet, determine the length of the diagonal.

Name : _____

Answer key

Sheet 3

Diagonal of a Square

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

1) side length = 58 ft

Diagonal = 82 ft

2) side length = 1.1 in

Diagonal = 1.6 in

3) side length = 23 yd

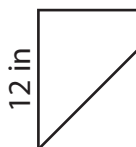
Diagonal = _____

4) side length = 90 in

127.3 in

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

5)



Diagonal = _____

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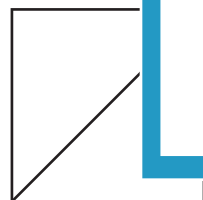
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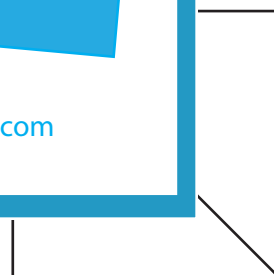
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118.8 ft

7)



Diagonal = 88.7 ft



Diagonal = 48.1 yd

34 yd

9) If the side length of a square is 47.6 feet, determine the length of the diagonal.

67.3 feet