

Name : _____

Diagonals of a Rectangle

Sheet 1

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

1) length = 33 in, width = 8 in

2) width = 16 ft, length = 21.6 ft

diagonal = _____

diagonal = _____

3) width = 48 yd, length = 90 yd

4) length = 6 in, width = 5 in

diagonal = _____

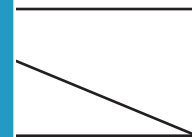
B) Find the length of the

diagonal to the nearest tenth.

5)



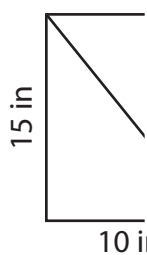
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diagonal = _____

24 yd

7)



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15 ft

diagonal = _____

diagonal = _____

25 ft

9) The length and width of a rectangle are 73.5 yards and 53.7 yards respectively. What is the length of the diagonal?

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Answer key

Diagonals of a Rectangle

Sheet 1

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

1) length = 33 in, width = 8 in

2) width = 16 ft, length = 21.6 ft

diagonal = 34 in

diagonal = 26.9 ft

3) width = 48 yd, length = 90 yd

4) length = 6 in, width = 5 in

diagonal = _____

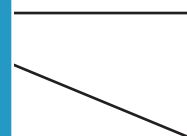
91.8 in

B) Find the length of the

diagonal to the nearest tenth.

5)

3.5 ft



24 yd

diagonal = _____

25.5 yd

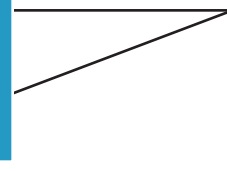
7)

15 in



10 in

53.7 ft



25 ft

diagonal = 18 in

diagonal = 53.2 ft

9) The length and width of a rectangle are 73.5 yards and 53.7 yards respectively. What is the length of the diagonal?

91 yards