

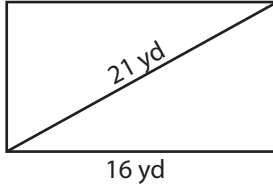
Name : _____

Area of a Rectangle

Sheet 3

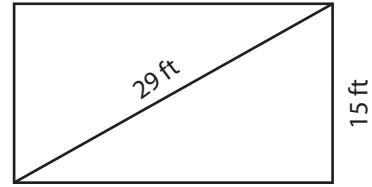
A) Find the area of each rectangle for the given measurements. Round your answer to two decimal places.

1)



Area = _____

2)



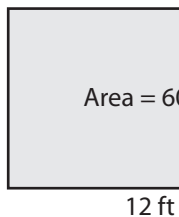
Area = _____

3) The diagonal of a rectangle measures 35 inches. What is the area of the rectangle, if the length is 30 inches?

4) The width of a rectangle is 12 feet. The length is 15 feet. Determine the area of the rectangle.

B) Find the length of the diagonal of a rectangle with an area of 60 square feet and a length of 12 feet. Round your answer to the nearest tenth.

1)



Diagonal = _____

3) A rectangle has a length of 25 yards. If it has an area of 391.51 square yards, determine the length of the diagonal.

4) The area of a rectangle is 360 square feet. Find the length of the diagonal, if the width is 9 feet.

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Name : _____

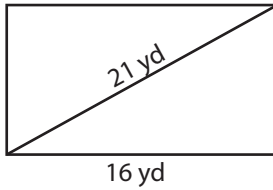
Answer key

Sheet 3

Area of a Rectangle

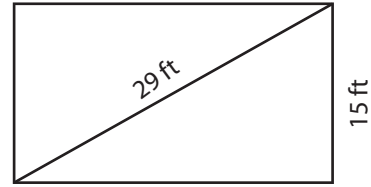
A) Find the area of each rectangle for the given measurements. Round your answer to two decimal places.

1)



Area = 217.62 yd²

2)



Area = 372.29 ft²

3) The diagonal of a rectangle measures 35 inches. What is the area of the rectangle, if the length is 30 inches?

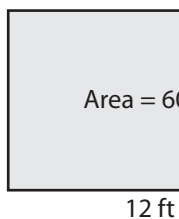
540.83 square

4) The width of a rectangle is 12 feet. The area is 768 square feet. Determine the area of the rectangle.

768 square y

B) Find the length of the diagonal of a rectangle with an area of 60 square feet and a length of 12 feet. Round your answer to the nearest tenth.

1)



Diagonal = 27 in

2) A rectangle has a length of 25 yards. If it has an area of 391.51 square yards, determine the length of the diagonal. Round your answer to the nearest tenth.



27 in

3) A rectangle has a length of 25 yards. If it has an area of 391.51 square yards, determine the length of the diagonal.

29.5 yards

4) The area of a rectangle is 360 square feet. Find the length of the diagonal, if the width is 9 feet.

41 feet

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