

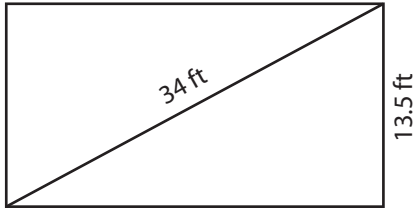
Name : _____

Area of a Rectangle

Sheet 4

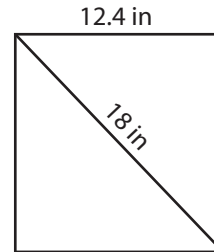
A) Find the area of each rectangle for the given measurements. Round your answer to two decimal places.

1)



Area = _____

2)



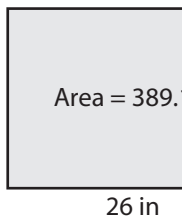
Area = _____

3) The width of a rectangle is 20 yards. What is the area of the rectangle, if the diagonal measures 33 yards?

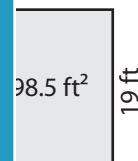
4) The length of the diagonal of a rectangle is 33.4 feet. What is the area of the rectangle, if the length is 25 feet?

B) Find the length of the diagonal of a rectangle, if the area is 389.1 square inches and the width is 26 inches. Round your answer to the nearest tenth.

1)



Diagonal = _____



Diagonal = _____

3) The area of a rectangle is 496 square inches. Find the length of the diagonal, if the width is 22 inches.

4) The length of a rectangle is 30 yards. If the area of the rectangle is 586.07 square yards, determine the length of the diagonal.

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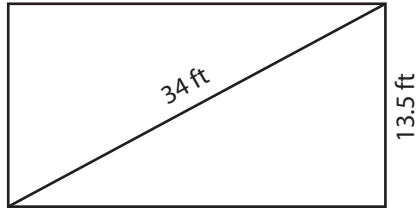
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Area of a Rectangle

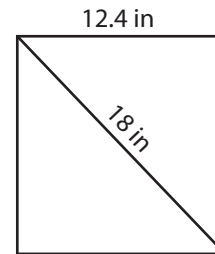
A) Find the area of each rectangle for the given measurements. Round your answer to two decimal places.

1)



Area = 421.27 ft²

2)



Area = 161.79 in²

3) The width of a rectangle is 20 yards. What is the area of the rectangle, if the diagonal measures 33 yards?

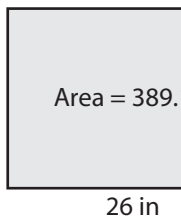
524.98 square

4) The length of the diagonal of a rectangle is 33.4 feet. What is the area of the rectangle, if the length is 20 feet?

508 square

B) Find the length of the diagonal of a rectangle, if the area is 389.1 square inches and the width is 19 inches. Round your answer to the nearest tenth.

1)



Diagonal = 28.3



28.3 ft

3) The area of a rectangle is 496 square inches. Find the length of the diagonal, if the width is 22 inches.

31.5 inches

4) The length of a rectangle is 30 yards. If the area of the rectangle is 586.07 square yards, determine the length of the diagonal.

35.8 yards

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