

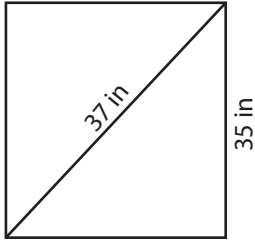
Name : _____

Area of a Rectangle

Sheet 5

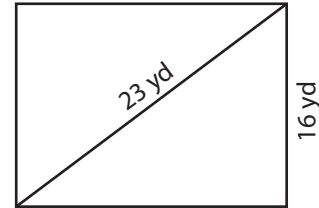
A) Find the area of each rectangle for the given measurements. Round your answer to two decimal places.

1)



Area = _____

2)



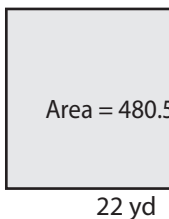
Area = _____

3) The length of the diagonal of a rectangle is 40 feet. Find the area of the rectangle, if the length is 36 feet.

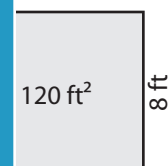
4) Determine the area of a rectangle that has a length of 10 inches and has a width of 7 inches.

B) Find the length of the diagonal of a rectangle that has an area of 120 square feet. Round your answer to the nearest tenth.

1)



Diagonal = _____



3) The width of a rectangle is 9 inches. If it has an area of 119.06 square inches, find the length of the diagonal.

4) The area of a rectangle is 137.7 square yards. Determine the length of the diagonal, if the rectangle has a length of 21 yards.

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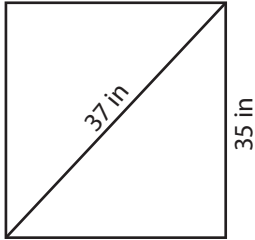
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Area of a Rectangle

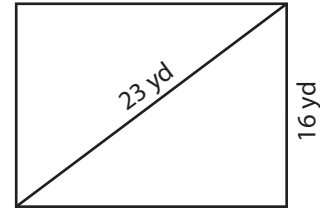
A) Find the area of each rectangle for the given measurements. Round your answer to two decimal places.

1)



Area = 420 in²

2)



Area = 264.36 yd²

3) The length of the diagonal of a rectangle is 40 feet. Find the area of the rectangle, if the length is 36 feet.

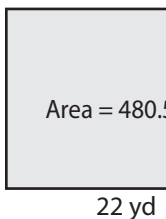
627.68 square feet

4) Determine the area of a rectangle with a length of 12 inches and has a width of 7 inches.

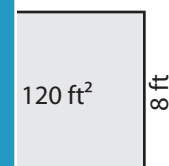
168 square inches

B) Find the length of the diagonal of a rectangle with an area of 480.5 square yards. Round your answer to the nearest tenth.

1)



Diagonal = 33.5 yd



17 ft

3) The width of a rectangle is 9 inches. If it has an area of 119.06 square inches, find the length of the diagonal.

16 inches

4) The area of a rectangle is 137.7 square yards. Determine the length of the diagonal, if the rectangle has a length of 21 yards.

22 yards

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