

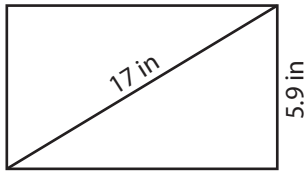
Name : _____

Area of a Rectangle

Sheet 2

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

1)



Area = _____

2)



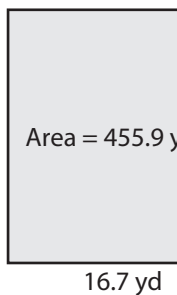
Area = _____

3) Find the area of the rectangle whose diagonal measures 21 feet and has a length of 27 feet.

4) The length of a rectangle is 27 feet. If the area is 486 square feet, determine the area of the rectangle.

B) Find the length of the diagonal of a rectangle whose area is 455.9 square yards and whose width is 16.7 yards. Round your answer to the nearest tenth.

1)



Diagonal = _____

2) A rectangle has a width of 18.3 feet and an area of 1.7 square feet. Round your answer to the nearest tenth.



Diagonal = _____

3) The length of a rectangle is 27 inches. If it has an area of 642.9 square inches, find the length of the diagonal.

4) The area of a rectangle is 624.4 square yards. Determine the length of the diagonal, if the rectangle has a width of 21 yards.

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Name : _____

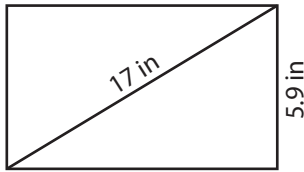
Answer key

Area of a Rectangle

Sheet 2

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

1)



Area = 94.07 in²

2)



Area = 208.25 yd²

3) Find the area of the rectangle whose diagonal measures 21 feet and has a length of 27 feet.

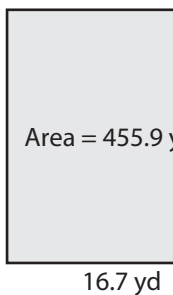
411.25 square

4) The length of a rectangle is 27 feet. If the area of the rectangle is 194.14 square feet, determine the area of the rectangle.

194.14 square

B) Find the length of the diagonal of a rectangle whose area is 455.9 square yards and whose length is 16.7 yards. Round your answer to the nearest tenth.

1)



Diagonal = 36.4



29 ft

3) The length of a rectangle is 27 inches. If it has an area of 642.9 square inches, find the length of the diagonal.

36 inches

4) The area of a rectangle is 624.4 square yards. Determine the length of the diagonal, if the rectangle has a width of 21 yards.

36.4 yards

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com