Area of Rectangles

Find the area of a rectangle. Round the answer to the nearest tenth.

1) Diagonal = 13.5 yd

Breadth = 9 yd

Area = _____

2) Diagonal = 8.7 ft

Length = 4.4 ft

Area = _____

Find the diagonal of a rectangle. Round the answer to the nearest tenth.

1) Area = 300 in^2

Breadth = 20 in

Diagonal = _____

2) Area = 67.5 yd^2

Length = 9.5 yd

Diagonal = _____

Complete the table. Round the answer to the nearest tenth.

Q.No	Breadth	Length	Diagonal	Area
1)		3.5 ft	3.8 ft	
2)	24 in			432 in^2
3)	3 ft		5 ft	
4)		9 yd		135 yd^2
5)	8.5 in		14.2 in	

Area of Rectangles

Answer key

Find the area of a rectangle. Round the answer to the nearest tenth.

1) Diagonal = 13.5 yd

    Breadth = 9 yd

    Area = **90 yd²**

2) Diagonal = 8.7 ft

    Length = 4.4 ft

    Area = **33 ft²**

Find the diagonal of a rectangle. Round the answer to the nearest tenth.

1) Area = 300 in²

    Breadth = 20 in

    Diagonal = **25 in**

2) Area = 67.5 yd²

    Length = 9.5 yd

    Diagonal = **11.9 yd**

Complete the table. Round the answer to the nearest tenth.

Q.No	Breadth	Length	Diagonal	Area
1)	**1.5 ft**	3.5 ft	3.8 ft	**5.3 ft²**
2)	24 in	**18 in**	**30 in**	432 in²
3)	3 ft	**4 ft**	5 ft	**12 ft²**
4)	**15 yd**	9 yd	**17.5 yd**	135 yd²
5)	8.5 in	**11.4 in**	14.2 in	**96.9 in²**