Area of Rectangles

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

1)   Diagonal = 6.7 ft

Length = 3.8 ft

Area = _____

2)   Diagonal = 15 in

Breadth = 12 in

Area = _____

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

1)   Area = 89.8 yd^2

Breadth = 10.2 yd

Diagonal = _____

2)   Area = 600 ft^2

Length = 20 ft

Diagonal = _____

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

Q.No	Breadth	Length	Diagonal	Area
1)	4 in			28 in^2
2)		16 yd	19.4 yd	
3)	4.5 in		8 in	
4)		2.9 ft		26.4 ft^2
5)		28 yd		868 yd^2

Area of Rectangles

Answer key

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

1) Diagonal = 6.7 ft

Length = 3.8 ft

Area = **20.9 ft²**

2) Diagonal = 15 in

Breadth = 12 in

Area = **108 in²**

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

1) Area = 89.8 yd²

Breadth = 10.2 yd

Diagonal = **13.5 yd**

2) Area = 600 ft²

Length = 20 ft

Diagonal = **22.4 ft**

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

Q.No	Breadth	Length	Diagonal	Area
1)	4 in	**7 in**	**8.1 in**	28 in²
2)	**11 yd**	16 yd	19.4 yd	**176 yd²**
3)	4.5 in	**6.6 in**	8 in	**29.7 in²**
4)	**9.1 ft**	2.9 ft	**9.6 ft**	26.4 ft²
5)	**31 yd**	28 yd	**41.8 yd**	868 yd²