



Area of Rectangles

Name _____

Score _____

AR:25

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

1) Diagonal = 10 in

Breadth = 6 in

Area = _____

2) Diagonal = 17.8 yd

Length = 14 yd

Area = _____

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

1) Area = 40 ft^2

Length = 8 ft

Diagonal = _____

2) Area = 10.8 in^2

Breadth = 2.4 in

Diagonal = _____

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

Q.No	Breadth	Length	Diagonal	Area
1)	10 yd		18 yd	
2)		7.2 ft		25.2 ft^2
3)	24 yd			648 yd^2
4)		13 in	22.2 in	
5)	9.8 ft			61.7 ft^2



Area of Rectangles

Name _____

Score _____

Answer key

AR:25

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

1) Diagonal = 10 in

Breadth = 6 in

Area = 48 in²

2) Diagonal = 17.8 yd

Length = 14 yd

Area = 154 yd²

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

1) Area = 40 ft²

Length = 8 ft

Diagonal = 9.4 ft

2) Area = 10.8 in²

Breadth = 2.4 in

Diagonal = 5.1 in

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

Q.No	Breadth	Length	Diagonal	Area
1)	10 yd	15 yd	18 yd	150 yd²
2)	3.5 ft	7.2 ft	8 ft	25.2 ft ²
3)	24 yd	27 yd	36.1 yd	648 yd ²
4)	18 in	13 in	22.2 in	234 in²
5)	9.8 ft	6.3 ft	11.7 ft	61.7 ft ²