



Area of Rectangles

Name _____

Score _____

AR:30

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

1) Diagonal = 35 m

Length = 21 m

Area =

2) Diagonal = 9.2 cm

Breadth = 7 cm

Area =

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

1) Area = 30 cm^2

Breadth = 6 cm

Diagonal =

2) Area = 7.2 mm^2

Length = 1.5 mm

Diagonal =

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

Q.No	Breadth	Length	Diagonal	Area
1)	15 cm		39 cm	
2)	8.5 mm			90.1 mm^2
3)		4.9 m	8.6 m	
4)		3 cm		12 cm^2
5)	13 mm		23 mm	



Area of Rectangles

Name _____

Score _____

Answer key

AR:30

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

1) Diagonal = 35 m

Length = 21 m

Area = **588 m²**

2) Diagonal = 9.2 cm

Breadth = 7 cm

Area = **42 cm²**

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

1) Area = 30 cm²

Breadth = 6 cm

Diagonal = **7.8 cm**

2) Area = 7.2 mm²

Length = 1.5 mm

Diagonal = **5 mm**

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

Q.No	Breadth	Length	Diagonal	Area
1)	15 cm	36 cm	39 cm	540 cm²
2)	8.5 mm	10.6 mm	13.6 mm	90.1 mm ²
3)	7.1 m	4.9 m	8.6 m	34.8 m²
4)	4 cm	3 cm	5 cm	12 cm ²
5)	13 mm	19 mm	23 mm	247 mm²