



Area of Rectangles

Name _____

Score _____

AR:28

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

1) Diagonal = 10.6 mm

Length = 8 mm

Area =

2) Diagonal = 13 m

Breadth = 5 m

Area =

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

1) Area = 255 m²

Breadth = 17 m

Diagonal =

2) Area = 37.4 cm²

Length = 6.8 cm

Diagonal =

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

Q.No	Breadth	Length	Diagonal	Area
1)		16 m		192 m ²
2)	6.5 cm		8 cm	
3)	10 mm			130 mm ²
4)		2.3 m	2.9 m	
5)		4 cm		8 cm ²



Area of Rectangles

Name _____

Score _____

Answer key

AR:28

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

1) Diagonal = 10.6 mm

Length = 8 mm

Area = **56 mm²**

2) Diagonal = 13 m

Breadth = 5 m

Area = **60 m²**

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

1) Area = 255 m²

Breadth = 17 m

Diagonal = **22.7 m**

2) Area = 37.4 cm²

Length = 6.8 cm

Diagonal = **8.7 cm**

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

Q.No	Breadth	Length	Diagonal	Area
1)	12 m	16 m	20 m	192 m ²
2)	6.5 cm	4.6 cm	8 cm	29.9 cm²
3)	10 mm	13 mm	16.4 mm	130 mm ²
4)	1.7 m	2.3 m	2.9 m	3.9 m²
5)	2 cm	4 cm	4.5 cm	8 cm ²