Area of Rectangles

Name _____

Score _____

AR:29

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

1) Diagonal = 14.4 cm

Length = 9.8 cm

Area = _____

2) Diagonal = 12.8 mm

Breadth = 10 mm

Area = _____

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

1) Area = 240 mm²

Breadth = 24 mm

Diagonal = _____

2) Area = 12 m²

Length = 4 m

Diagonal = _____

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

Q.No	Breadth	Length	Diagonal	Area
1)	3.5 mm			26.3 mm²
2)	8 m		10 m	
3)		2.2 cm		9.9 cm²
4)		12 mm	13 mm	
5)	16 m			320 m²

Area of Rectangles

Answer key

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

1) Diagonal = 14.4 cm

Length = 9.8 cm

Area = **102.9 cm²**

2) Diagonal = 12.8 mm

Breadth = 10 mm

Area = **80 mm²**

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

1) Area = 240 mm²

Breadth = 24 mm

Diagonal = **26 mm**

2) Area = 12 m²

Length = 4 m

Diagonal = **5 m**

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

Q.No	Breadth	Length	Diagonal	Area
1)	3.5 mm	**7.5 mm**	**8.3 mm**	26.3 mm²
2)	8 m	**6 m**	10 m	**48 m²**
3)	**4.5 cm**	2.2 cm	**5 cm**	9.9 cm²
4)	**5 mm**	12 mm	13 mm	**60 mm²**
5)	16 m	**20 m**	**25.6 m**	320 m²