



Perimeter of Squares

Name _____

Score _____

PS:32

Find the perimeter of the square for the given diagonal. Round the answer to the nearest tenth place.

1) Diagonal = 9 m

Perimeter =

2) Diagonal = $4\sqrt{2}$ mm

Perimeter =

3) Diagonal = 5.8 mm

Perimeter =

4) Diagonal = 19 cm

Perimeter =

Find the diagonal of the square from the given perimeter. Round the answer to nearest tenth place.

1) Perimeter = 88 cm

Diagonal =

2) Perimeter = 78 m

Diagonal =

3) Perimeter = $30\sqrt{2}$ m

Diagonal =

4) Perimeter = 26 mm

Diagonal =

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

Diagonal of squares	16 m			7 m	1.4 mm
Perimeter of squares		26.9 mm	70.7 cm		



Perimeter of Squares

Name _____

Score _____

Answer key

PS:32

Find the perimeter of the square for the given diagonal. Round the answer to the nearest tenth place.

1) Diagonal = 9 m

Perimeter = **25.5 m**

2) Diagonal = $4\sqrt{2}$ mm

Perimeter = **16 mm**

3) Diagonal = 5.8 mm

Perimeter = **16.4 mm**

4) Diagonal = 19 cm

Perimeter = **53.7 cm**

Find the diagonal of the square from the given perimeter. Round the answer to nearest tenth place.

1) Perimeter = 88 cm

Diagonal = **31.1 cm**

2) Perimeter = 78 m

Diagonal = **27.6 m**

3) Perimeter = $30\sqrt{2}$ m

Diagonal = **15 m**

4) Perimeter = 26 mm

Diagonal = **9.2 mm**

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

Diagonal of squares	16 m	9.5 mm	25 cm	7 m	1.4 mm
Perimeter of squares	45.3 m	26.9 mm	70.7 cm	19.8 m	4 mm