



# Perimeter of Squares

Name \_\_\_\_\_

Score \_\_\_\_\_

PS:33

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

1) Diagonal = 3.9 cm

Perimeter =

2) Diagonal = 5.7 m

Perimeter =

3) Diagonal = 16 m

Perimeter =

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

Perimeter =

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

1) Perimeter =  $14\sqrt{2}$  mm

Diagonal =

2) Perimeter = 20 cm

Diagonal =

3) Perimeter = 55.6 cm

Diagonal =

4) Perimeter = 75 m

Diagonal =

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

Diagonal of squares		24 m	15 mm		
Perimeter of squares	9.3 cm			26 cm	22.6 m



# Perimeter of Squares

Name \_\_\_\_\_

Score \_\_\_\_\_

## Answer key

PS:33

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

1) Diagonal = 3.9 cm

Perimeter = **11 cm**

2) Diagonal = 5.7 m

Perimeter = **16.1 m**

3) Diagonal = 16 m

Perimeter = **45.3 m**

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

Perimeter = **8 mm**

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

1) Perimeter =  $14\sqrt{2}$  mm

Diagonal = **7 mm**

2) Perimeter = 20 cm

Diagonal = **7.1 cm**

3) Perimeter = 55.6 cm

Diagonal = **19.7 cm**

4) Perimeter = 75 m

Diagonal = **26.5 m**

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

Diagonal of squares	<b>3.3 cm</b>	24 m	15 mm	<b>9.2 cm</b>	<b>8 m</b>
Perimeter of squares	9.3 cm	<b>67.9 m</b>	<b>42.4 mm</b>	26 cm	22.6 m