



# Perimeter of Squares

Name \_\_\_\_\_

Score \_\_\_\_\_

PS:30

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

1) Diagonal =  $18\sqrt{2}$  in

Perimeter =

2) Diagonal = 1.9 yd

Perimeter =

3) Diagonal = 2.5 ft

Perimeter =

4) Diagonal = 23 yd

Perimeter =

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

1) Perimeter = 17 ft

Diagonal =

2) Perimeter =  $64\sqrt{2}$  in

Diagonal =

3) Perimeter = 56.6 yd

Diagonal =

4) Perimeter = 23.2 ft

Diagonal =

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

Diagonal of squares	6 in	1.8 yd			10.6 ft
Perimeter of squares			31.1 ft	48.1 in	



# Perimeter of Squares

Name \_\_\_\_\_

Score \_\_\_\_\_

## Answer key

PS:30

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

1) Diagonal =  $18\sqrt{2}$  in

Perimeter = **72 in**

2) Diagonal = 1.9 yd

Perimeter = **5.4 yd**

3) Diagonal = 2.5 ft

Perimeter = **7.1 ft**

4) Diagonal = 23 yd

Perimeter = **65.1 yd**

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

1) Perimeter = 17 ft

Diagonal = **6 ft**

2) Perimeter =  $64\sqrt{2}$  in

Diagonal = **32 in**

3) Perimeter = 56.6 yd

Diagonal = **20 yd**

4) Perimeter = 23.2 ft

Diagonal = **8.2 ft**

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

Diagonal of squares	6 in	1.8 yd	<b>11 ft</b>	<b>17 in</b>	10.6 ft
Perimeter of squares	<b>17 in</b>	<b>5.1 yd</b>	31.1 ft	48.1 in	<b>30 ft</b>