



# Perimeter and Area of Squares

Name \_\_\_\_\_

Score \_\_\_\_\_

AS:31

Find the side length, diagonal, perimeter or area. Round the answer to two decimal places.

1) Side length = 13 mm

Diagonal = \_\_\_\_\_

Perimeter = \_\_\_\_\_

Area = \_\_\_\_\_

2) Diagonal = 3.39 m

Side length = \_\_\_\_\_

Perimeter = \_\_\_\_\_

Area = \_\_\_\_\_

3) Area = 49 cm<sup>2</sup>

Side length = \_\_\_\_\_

Diagonal = \_\_\_\_\_

Perimeter = \_\_\_\_\_

4) Perimeter = 18 mm

Side length = \_\_\_\_\_

Diagonal = \_\_\_\_\_

Area = \_\_\_\_\_

5) Perimeter = 84 m

Side length = \_\_\_\_\_

Diagonal = \_\_\_\_\_

Area = \_\_\_\_\_

6) Side length = 6 cm

Diagonal = \_\_\_\_\_

Perimeter = \_\_\_\_\_

Area = \_\_\_\_\_



# Perimeter and Area of Squares

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Score \_\_\_\_\_

## Answer key

AS:31

Find the side length, diagonal, perimeter or area. Round the answer to two decimal places.

1) Side length = 13 mm

Diagonal = 18.38 mm

Perimeter = 52 mm

Area = 169 mm<sup>2</sup>

2) Diagonal = 3.39 m

Side length = 2.4 m

Perimeter = 9.6 m

Area = 5.76 m<sup>2</sup>

3) Area = 49 cm<sup>2</sup>

Side length = 7 cm

Diagonal = 9.9 cm

Perimeter = 28 cm

4) Perimeter = 18 mm

Side length = 4.5 mm

Diagonal = 6.36 mm

Area = 20.25 mm<sup>2</sup>

5) Perimeter = 84 m

Side length = 21 m

Diagonal = 29.7 m

Area = 441 m<sup>2</sup>

6) Side length = 6 cm

Diagonal = 8.49 cm

Perimeter = 24 cm

Area = 36 cm<sup>2</sup>