

Name : \_\_\_\_\_

## Perimeter of a Rectangle

Sheet 1

A) Find the diagonal of each rectangle. Round your answer to the nearest tenth.

1) perimeter = 50 in, length = 15 in

2) perimeter = 72 ft, width = 13.8 ft

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

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

3) perimeter = 180.9 yd, width = 30.2 yd

4) perimeter = 230 in, length = 60 in

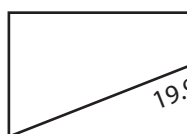
Diagonal = \_\_\_\_\_

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

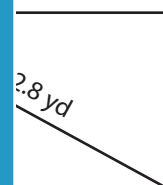
B) Find the perimeter

nearest tenth.

1)



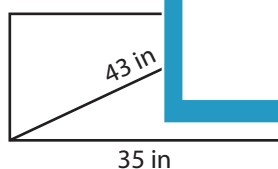
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Perimeter = \_\_\_\_\_



3)



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

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

C) The perimeter of a rectangle is 145.3 feet. Determine the length of the diagonal, if the width of the rectangle is 27.5 feet. Round your answer to the nearest tenth.

\_\_\_\_\_

Name : \_\_\_\_\_

## Answer key

Sheet 1

### Perimeter of a Rectangle

A) Find the diagonal of each rectangle. Round your answer to the nearest tenth.

1) perimeter = 50 in, length = 15 in

Diagonal = 18 in

2) perimeter = 72 ft, width = 13.8 ft

Diagonal = 26.1 ft

3) perimeter = 180.9 yd, width = 30.2 yd

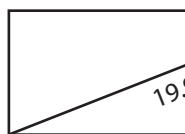
Diagonal = 67.4 yd

4) perimeter = 230 in, length = 60 in

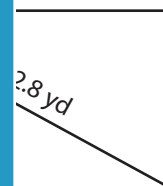
Diagonal = 91.4 in

B) Find the perimeter of each rectangle. Round your answer to the nearest tenth.

1)



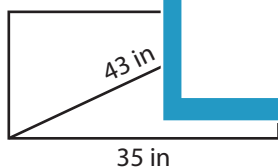
Perimeter = \_\_\_\_\_



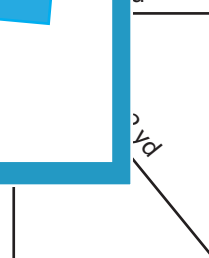
yd

Perimeter = 61.9 yd

3)



Perimeter = 120 in



Perimeter = 202 yd

C) The perimeter of a rectangle is 145.3 feet. Determine the length of the diagonal, if the width of the rectangle is 27.5 feet. Round your answer to the nearest tenth.

52.9 feet