Finding perimeter

Name _____ Date _____

Add two lengths and two widths.

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Example Rectangle 11 m by 6 m

1. A rectangle has two long sides and two short sides.
2. 11 + 6 + 11 + 6 = 34 (or 2 × 11 + 2 × 6).

Answer: 34 m

1. Rectangle 25 ft by 3 ft
   Perimeter = ☐ ft
2. Rectangle 16 ft by 8 ft
   Perimeter = ☐ ft
3. Rectangle 22 cm by 4 cm
   Perimeter = ☐ cm
4. Rectangle 24 m by 2 m
   Perimeter = ☐ m
5. Rectangle 23 cm by 2 cm
   Perimeter = ☐ cm
6. Rectangle 7 ft by 6 ft
   Perimeter = ☐ ft

Add the sides you know, then subtract from the perimeter.

Example Perimeter 40 cm. Sides: 12, 9, 11 and ? cm

1. Add the sides you know: 12 + 9 + 11 = 32.
2. Take that from the perimeter: 40 − 32 = 8.

Answer: 8 cm

7. Perimeter 40 cm
   Sides: 9, 10, 13 and ☐ cm
8. Perimeter 62 ft
   Sides: 12, 4, 19, 13 and ☐ ft
9. Perimeter 46 cm
   Sides: 13, 15 and ☐ cm
10. Perimeter 36 m
    Sides: 9, 17 and ☐ m
11. Perimeter 45 m
    Sides: 19, 12 and ☐ m
12. Perimeter 26 cm
    Sides: 11, 9 and ☐ cm

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Missing sides

Name _____ Date _____

Divide the perimeter by 4.

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Example **Square: perimeter 44 m. Side?**

1. A square has 4 equal sides.
2. 44 ÷ 4 = 11.

Answer: 11 m

1. Square, perimeter 28 ft
   Side = ☐ ft
2. Square, perimeter 48 cm
   Side = ☐ cm
3. Square, perimeter 20 cm
   Side = ☐ cm
4. Square, perimeter 52 m
   Side = ☐ m
5. Square, perimeter 96 m
   Side = ☐ m
6. Square, perimeter 16 in
   Side = ☐ in

Subtract the two sides you know, then halve what is left.

Example **Rectangle: perimeter 38 ft, length 12 ft. Width?**

1. Take away the two lengths: 38 − 12 − 12 = 14.
2. That is two widths, so one width is 14 ÷ 2 = 7.

Answer: 7 ft

7. Rectangle, perimeter 24 in
   length 9 in, width = ☐ in
8. Rectangle, perimeter 36 cm
   width 5 cm, length = ☐ cm
9. Rectangle, perimeter 40 ft
   width 8 ft, length = ☐ ft
10. Rectangle, perimeter 46 in
    width 3 in, length = ☐ in
11. Rectangle, perimeter 26 in
    width 4 in, length = ☐ in
12. Rectangle, perimeter 46 in
    length 13 in, width = ☐ in

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Answers

Answers are in the same order as the boxes.

Page 1 · Finding perimeter

1. 56
2. 48
3. 52
4. 52
5. 50
6. 26
7. 8
8. 14
9. 18
10. 10
11. 14
12. 6

Page 2 · Missing sides

1. 7
2. 12
3. 5
4. 13
5. 24
6. 4
7. 3
8. 13
9. 12
10. 20
11. 9
12. 10

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