Area by counting

Name _____ Date _____

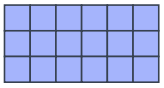
Each small square is 1 square unit. Write the area.

Common Core 3.MD.C.5–7a

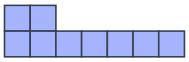
Example A shape made of 2 rows of 4 squares and a row of 3 squares

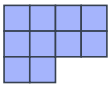
1. Count every square once.
2. 4 + 4 + 3 = 11.

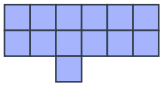
Answer: 11 square units

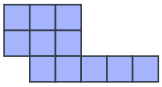
1.  ☐ square units

2.  ☐ square units

3.  ☐ square units

4.  ☐ square units

5.  ☐ square units

6.  ☐ square units

Multiply length × width.

Example Rectangle 9 cm by 4 cm

1. Area = length × width.
2. 9 × 4 = 36.

Answer: 36 sq cm

7. Rectangle 10 m by 6 m
   Area = ☐ sq m

8. Rectangle 9 m by 6 m
   Area = ☐ sq m

9. Rectangle 10 cm by 5 cm
   Area = ☐ sq cm

10. Rectangle 7 m by 2 m
    Area = ☐ sq m

11. Rectangle 8 m by 5 m
    Area = ☐ sq m

12. Rectangle 7 m by 5 m
    Area = ☐ sq m

Free to share with other families. Not for resale.

Area of rectangles

Name _____ Date _____

Multiply the side by itself.

Common Core 3.MD.C.7b

Example Square with sides of 5 in

1. All sides are 5 in.
2. 5 × 5 = 25.

Answer: 25 sq in

1. Square with sides of 10 in
   Area = ☐ sq in
2. Square with sides of 10 ft
   Area = ☐ sq ft
3. Square with sides of 3 cm
   Area = ☐ sq cm
4. Square with sides of 4 cm
   Area = ☐ sq cm
5. Square with sides of 6 m
   Area = ☐ sq m
6. Square with sides of 7 ft
   Area = ☐ sq ft

Use a times-table fact to find the missing side.

Example Area 48 sq m, length 6 m. Width?

1. Think: 6 × ? = 48.
2. 6 × 8 = 48.

Answer: 8 m

7. Area 40 sq ft, length 8 ft
   width = ☐ ft
8. Area 35 sq cm, length 7 cm
   width = ☐ cm
9. Area 14 sq ft, width 2 ft
   length = ☐ ft
10. Area 80 sq m, width 8 m
    length = ☐ m
11. Area 27 sq in, length 9 in
    width = ☐ in
12. Area 36 sq ft, width 4 ft
    length = ☐ ft

Free to share with other families. Not for resale.

Answers

Answers are in the same order as the boxes.

Page 1 · Area by counting

1. 18
2. 6
3. 9
4. 10
5. 13
6. 11
7. 60
8. 54
9. 50
10. 14
11. 40
12. 35

Page 2 · Area of rectangles

1. 100
2. 100
3. 9
4. 16
5. 36
6. 49
7. 5
8. 5
9. 7
10. 10
11. 3
12. 9

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