

Grade 3 Area Worksheet Pack

Printable Worksheet Pack • Grade 3

Skills included

- Understanding area
- Square units and grids
- Area of rectangles and squares
- Area word problems

Name: _____ *Date:* _____

Understanding Area

Read carefully and show your working where needed.

1. Area tells us how much _____ a flat shape covers.

2. Find the area of a rectangle 5 cm long and 3 cm wide.

3. Find the area of a square with side 4 cm.

4. A rectangle is 7 cm long and 2 cm wide. Find its area.

5. How many square units cover a 3×6 rectangle?

6. Which has greater area: 4×5 or 3×7 ?

7. Draw a rectangle with an area of 12 square units.

8. Write the unit for the area of a small book: cm^2 or m^2 ?

Area on Grids

Read carefully and show your working where needed.

1. A 4×4 grid has how many square units?

2. A 2×8 grid has how many square units?

3. A rectangle covers 18 squares in a grid.
Its area is _____.

4. How many squares are needed to cover a 5×3 rectangle?

5. Complete: $6 \times 4 =$ _____ square units.

6. A shape covers 20 squares. If 5 are removed, area = _____.

7. Which has greater area: 3×8 or 4×6 ?

8. Draw two different rectangles with area 12 square units.

Area Word Problems

Read carefully and show your working where needed.

1. A garden is 8 m long and 5 m wide. Find its area.

2. A classroom rug is 6 m by 4 m. Find its area.

3. A rectangular card is 9 cm by 3 cm. Find its area.

4. A square tile has side 5 cm. Find its area.

5. A farmer plants a 7 m $\times$ 3 m vegetable patch. Area?

6. A poster is 10 cm wide and 2 cm high. Area?

7. A rectangle has area 24 cm² and width 4 cm. Find its length.

8. A square has area 36 cm². What is its side length?

Answer Key

Answers for all practice pages

- | | |
|------------------------------------|-----------------------|
| 1. space | 2. 15 cm^2 |
| 3. 16 cm^2 | 4. 14 cm^2 |
| 5. 18 | 6. $4 \times 5 = 20$ |
| 7. example: 3×4 rectangle | 8. cm^2 |
| 9. 16 | 10. 16 |
| 11. 18 | 12. 15 |
| 13. 24 | 14. 20 |
| 15. 24 | 16. 24 |
| 17. 40 m^2 | 18. 24 m^2 |
| 19. 27 cm^2 | 20. 25 cm^2 |
| 21. 21 m^2 | 22. 20 cm^2 |
| 23. 6 cm | 24. 6 cm |