Area of rectangles worksheet

3rd grade math · Measurement & Data · 3.MD.C.7

Name _____ Date _____

For grown-ups: 10 area of rectangles problems, easier ones first. Let your child try each one alone, then check together with the answer key on page 2.

1. **A rectangle is 2 in wide and 2 in tall. What is its area?**



Answer: _____ sq in

2. **A rectangle is 4 m wide and 2 m tall. What is its area?**



Answer: _____ sq m

3. **A rectangle is 3 cm wide and 2 cm tall. What is its area?**



Answer: _____ sq cm

4. **A rectangle is 5 ft wide and 5 ft tall. What is its area?**



Answer: _____ sq ft

5. **A rectangle is 7 cm wide and 6 cm tall. What is its area?**



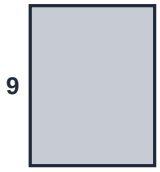
Answer: _____ sq cm

6. **A rectangle is 9 in wide and 3 in tall. What is its area?**



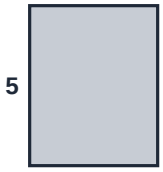
Answer: _____ sq in

7. **A rectangle is 7 in wide and 9 in tall. What is its area?**



Answer: _____ sq in

8. **A rectangle is 4 ft wide and 5 ft tall. What is its area?**



Answer: _____ sq ft

9. **A rectangle is 7 m wide and 7 m tall. What is its area?**



Answer: _____ sq m

10. **A rectangle is 9 ft wide and 4 ft tall. What is its area?**



Answer: _____ sq ft

Answer key: Area of rectangles

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1. **4 sq in**
   Area = width × height = 2 × 2 = 4 square in.
2. **8 sq m**
   Area = width × height = 4 × 2 = 8 square m.
3. **6 sq cm**
   Area = width × height = 3 × 2 = 6 square cm.
4. **25 sq ft**
   Area = width × height = 5 × 5 = 25 square ft.
5. **42 sq cm**
   Area = width × height = 7 × 6 = 42 square cm.
6. **27 sq in**
   Area = width × height = 9 × 3 = 27 square in.
7. **63 sq in**
   Area = width × height = 7 × 9 = 63 square in.
8. **20 sq ft**
   Area = width × height = 4 × 5 = 20 square ft.
9. **49 sq m**
   Area = width × height = 7 × 7 = 49 square m.
10. **36 sq ft**
    Area = width × height = 9 × 4 = 36 square ft.