

Grade 4 Measurement And Geometry Challenge Worksheet Set 003

Grade 4 · Measurement And Geometry · Challenge

Name: _____ Date: _____

Convert measurement units and use angle, area, and perimeter relationships. Label every numerical answer with the requested unit.

1. Convert 7 meters to centimeters.

Answer: _____

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

Answer: _____

3. Find the perimeter of a rectangle 14 units long and 5 units wide.

Answer: _____

4. Classify an angle that measures 33° as acute, right, or obtuse.

Answer: _____

5. A rectangle has area 36 square units and one side is 4 units. Find the other side.

Answer: _____

6. A rectangle has perimeter 12 units and one side is 4 units. Find the other side.

Answer: _____

7. A right angle is split into angles of 75° and an unknown measure. Find the unknown measure.

Answer: _____

8. Two nonoverlapping rectangles have dimensions 5 by 2 units and 5 by 3 units. Find their total area.

Answer: _____

9. A rectangular garden is 14 m by 8 m. A 4 m gate needs no fence. How many meters of fence are needed?

Answer: _____

10. How many centimeters longer is 4 m than 125 cm?

Answer: _____

11. Convert 16 hours to minutes.

Answer: _____

12. Find the area of a rectangle 13 units long and 9 units wide.

Answer: _____

13. Find the perimeter of a rectangle 16 units long and 10 units wide.

Answer: _____

14. Classify an angle that measures 133° as acute, right, or obtuse.

Answer: _____

15. A rectangle has area 9 square units and one side is 3 units. Find the other side.

Answer: _____

16. A rectangle has perimeter 20 units and one side is 4 units. Find the other side.

Answer: _____

17. A right angle is split into angles of 60° and an unknown measure. Find the unknown measure.

Answer: _____

18. Two nonoverlapping rectangles have dimensions 6 by 8 units and 4 by 6 units. Find their total area.

Answer: _____

19. A rectangular garden is 23 m by 7 m. A 4 m gate needs no fence. How many meters of fence are needed?

Answer: _____

20. How many centimeters longer is 12 m than 211 cm?

Answer: _____

21. Convert 9 kilometers to meters.

Answer: _____

22. Find the area of a rectangle 8 units long and 12 units wide.

Answer: _____

23. Find the perimeter of a rectangle 14 units long and 7 units wide.

Answer: _____

24. Classify an angle that measures 90° as acute, right, or obtuse.

Answer: _____

Answer Key

Answers for all 24 questions

1. 700 centimeters	2. 9 square units
3. 38 units	4. acute
5. 9 units	6. 2 units
7. 15°	8. 25 square units
9. 40 m	10. 275 cm
11. 960 minutes	12. 117 square units
13. 52 units	14. obtuse
15. 3 units	16. 6 units
17. 30°	18. 72 square units
19. 56 m	20. 989 cm
21. 9000 meters	22. 96 square units
23. 42 units	24. right