

Grade 4 Measurement And Geometry Challenge Worksheet Set 015

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 30 kilometers to meters.

Answer: _____

2. Find the area of a rectangle 4 units long and 10 units wide.

Answer: _____

3. Find the perimeter of a rectangle 11 units long and 6 units wide.

Answer: _____

4. Classify an angle that measures 111° as acute, right, or obtuse.

Answer: _____

5. A rectangle has area 88 square units and one side is 11 units. Find the other side.

Answer: _____

6. A rectangle has perimeter 26 units and one side is 9 units. Find the other side.

Answer: _____

7. A right angle is split into angles of 61° and an unknown measure. Find the unknown measure.

Answer: _____

8. Two nonoverlapping rectangles have dimensions 11 by 3 units and 9 by 2 units. Find their total area.

Answer: _____

9. A rectangular garden is 20 m by 15 m. A 3 m gate needs no fence. How many meters of fence are needed?

Answer: _____

10. How many centimeters longer is 4 m than 223 cm?

Answer: _____

11. Convert 26 hours to minutes.

Answer: _____

12. Find the area of a rectangle 17 units long and 3 units wide.

Answer: _____

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

Answer: _____

14. Classify an angle that measures 73° as acute, right, or obtuse.

Answer: _____

15. A rectangle has area 64 square units and one side is 8 units. Find the other side.

Answer: _____

16. A rectangle has perimeter 28 units and one side is 3 units. Find the other side.

Answer: _____

17. A right angle is split into angles of 57° and an unknown measure. Find the unknown measure.

Answer: _____

18. Two nonoverlapping rectangles have dimensions 9 by 6 units and 3 by 4 units. Find their total area.

Answer: _____

19. A rectangular garden is 13 m by 13 m. A 6 m gate needs no fence. How many meters of fence are needed?

Answer: _____

20. How many centimeters longer is 9 m than 64 cm?

Answer: _____

21. Convert 18 centimeters to millimeters.

Answer: _____

22. Find the area of a rectangle 16 units long and 11 units wide.

Answer: _____

23. Find the perimeter of a rectangle 15 units long and 13 units wide.

Answer: _____

24. Classify an angle that measures 30° as acute, right, or obtuse.

Answer: _____

Answer Key

Answers for all 24 questions

1. 30000 meters	2. 40 square units
3. 34 units	4. obtuse
5. 8 units	6. 4 units
7. 29°	8. 51 square units
9. 67 m	10. 177 cm
11. 1560 minutes	12. 51 square units
13. 44 units	14. acute
15. 8 units	16. 11 units
17. 33°	18. 66 square units
19. 46 m	20. 836 cm
21. 180 millimeters	22. 176 square units
23. 56 units	24. acute