

# Grade 4 Mixed Review Challenge Worksheet Set 048

Grade 4 • Mixed Review • Challenge

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Use decimal, division, fraction, measurement, and geometry reasoning. Show your work and label each measurement answer with its unit.

1. Write  $9/10$  as a decimal.

Answer: \_\_\_\_\_

2. Find the quotient:  $3666 \div 6$ .

Answer: \_\_\_\_\_

3. Complete the equivalent fraction:  $4/8 = ?/40$ .

Answer: \_\_\_\_\_

4. Convert 27 meters to centimeters.

Answer: \_\_\_\_\_

5. Write 0.11 as a fraction with denominator 100.

Answer: \_\_\_\_\_

6. Find the missing number:  $176 \div 8 = ?$ .

Answer: \_\_\_\_\_

7. Compare  $3/10$  and  $4/12$ . Write  $<$  or  $>$ .

Answer: \_\_\_\_\_

8. Classify an angle that measures  $127^\circ$  as acute, right, or obtuse.

Answer: \_\_\_\_\_

9. In 49.96, what digit is in the hundredths place?

Answer: \_\_\_\_\_

10. Divide 87 by 2. Write the quotient and remainder.

Answer: \_\_\_\_\_

11. Add and simplify:  $2/3 + 1/3$ .

Answer: \_\_\_\_\_

12. A rectangle has area 24 square units and one side is 6 units. Find the other side.

Answer: \_\_\_\_\_

13. Compare 10.61 and 54.09. Write  $<$  or  $>$ .

Answer: \_\_\_\_\_

14. Pack 8057 tiles into groups of 9. How many full groups and how many are left?

Answer: \_\_\_\_\_

15. Write  $5\frac{1}{2}$  as an improper fraction.

Answer: \_\_\_\_\_

16. A straight angle is split into angles of  $40^\circ$  and an unknown measure. Find the unknown measure.

Answer: \_\_\_\_\_

17. Write 73.67 in expanded form using a whole number, tenths, and hundredths.

Answer: \_\_\_\_\_

18. 2643 cards are packed in groups of 4. How many more are needed to complete the last group?

Answer: \_\_\_\_\_

19. Write  $29/6$  as a mixed number.

Answer: \_\_\_\_\_

20. A rectangular garden is 18 m by 7 m. A 2 m gate needs no fence. How many meters of fence are needed?

Answer: \_\_\_\_\_

21. Complete the equivalent value:  $0.2 = ?/100$ .

Answer: \_\_\_\_\_

22. Find the positive difference between  $4650 \div 6$  and  $150 \div 5$ .

Answer: \_\_\_\_\_

23. A trail crew finished  $1/3$  of a route. What fraction of the route remains?

Answer: \_\_\_\_\_

24. How many centimeters longer is 7 m than 196 cm?

Answer: \_\_\_\_\_

# Answer Key

Answers for all 24 questions

|                                         |                      |
|-----------------------------------------|----------------------|
| 1. 0.9                                  | 2. 611               |
| 3. 20                                   | 4. 2700 centimeters  |
| 5. $\frac{11}{100}$                     | 6. 22                |
| 7. $<$                                  | 8. obtuse            |
| 9. 6                                    | 10. 43 R1            |
| 11. $\frac{1}{1}$                       | 12. 4 units          |
| 13. $<$                                 | 14. 895 full, 2 left |
| 15. $\frac{11}{2}$                      | 16. $140^\circ$      |
| 17. $73 + \frac{6}{10} + \frac{7}{100}$ | 18. 1                |
| 19. $4\frac{5}{6}$                      | 20. 48 m             |
| 21. 20                                  | 22. 745              |
| 23. $\frac{2}{3}$                       | 24. 504 cm           |