

# Grade 4 Decimals Challenge Worksheet Set 021

Grade 4 · Decimals · Challenge

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

Use tenths and hundredths place value to write, compare, and represent each decimal.

1. Write  $21/100$  as a decimal.

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

2. Write 0.1 as a fraction with denominator 10.

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

3. In 54.56, what digit is in the hundredths place?

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

4. Compare 85.35 and 94.80. Write  $<$  or  $>$ .

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

5. Write 81.99 in expanded form using a whole number, tenths, and hundredths.

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

6. Complete the equivalent value:  $0.8 = ?/100$ .

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

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

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

8. Write 0.8 as a fraction with denominator 10.

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

9. In 26.63, what digit is in the tenths place?

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

10. Compare 31.22 and 98.88. Write  $<$  or  $>$ .

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

11. Write 76.46 in expanded form using a whole number, tenths, and hundredths.

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

12. Complete the equivalent value:  $0.7 = \frac{?}{100}$ .

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

13. Write  $\frac{42}{100}$  as a decimal.

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

14. Write 0.9 as a fraction with denominator 10.

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

15. In 61.40, what digit is in the hundredths place?

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

16. Compare 0.60 and 65.77. Write  $<$  or  $>$ .

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

17. Write 49.64 in expanded form using a whole number, tenths, and hundredths.

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

18. Complete the equivalent value:  $0.2 = \frac{?}{100}$ .

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

19. Write  $\frac{2}{10}$  as a decimal.

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

20. Write 0.4 as a fraction with denominator 10.

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

21. In 75.08, what digit is in the tenths place?

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

22. Compare 77.94 and 59.03. Write  $<$  or  $>$ .

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

23. Write 12.06 in expanded form using a whole number, tenths, and hundredths.

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

24. Complete the equivalent value:  $0.1 = \frac{?}{100}$ .

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

# Answer Key

Answers for all 24 questions

|                                         |                    |
|-----------------------------------------|--------------------|
| 1. 0.21                                 | 2. $\frac{1}{10}$  |
| 3. 6                                    | 4. $<$             |
| 5. $81 + \frac{9}{10} + \frac{9}{100}$  | 6. 80              |
| 7. 0.1                                  | 8. $\frac{8}{10}$  |
| 9. 6                                    | 10. $<$            |
| 11. $76 + \frac{4}{10} + \frac{6}{100}$ | 12. 70             |
| 13. 0.42                                | 14. $\frac{9}{10}$ |
| 15. 0                                   | 16. $<$            |
| 17. $49 + \frac{6}{10} + \frac{4}{100}$ | 18. 20             |
| 19. 0.2                                 | 20. $\frac{4}{10}$ |
| 21. 0                                   | 22. $>$            |
| 23. $12 + \frac{0}{10} + \frac{6}{100}$ | 24. 10             |