

Grade 4 Fractions Challenge Worksheet Set 033

Grade 4 · Fractions · Challenge

Name: _____ Date: _____

Use equivalent fractions, comparison, like-denominator operations, and whole-number reasoning. Simplify when requested.

1. Complete the equivalent fraction: $\frac{1}{4} = \frac{?}{12}$.

Answer: _____

2. Complete the equivalent fraction: $\frac{2}{4} = \frac{4}{?}$.

Answer: _____

3. Compare $\frac{3}{12}$ and $\frac{2}{3}$. Write $<$ or $>$.

Answer: _____

4. What is $\frac{2}{5}$ of 55?

Answer: _____

5. Add and simplify: $\frac{1}{4} + \frac{1}{4}$.

Answer: _____

6. Subtract and simplify: $\frac{2}{3} - \frac{1}{3}$.

Answer: _____

7. Write $3\frac{1}{2}$ as an improper fraction.

Answer: _____

8. Write $\frac{10}{3}$ as a mixed number.

Answer: _____

9. A trail crew finished $\frac{8}{10}$ of a route. What fraction of the route remains?

Answer: _____

10. Complete the equivalent fraction: $\frac{3}{5} = \frac{?}{15}$.

Answer: _____

11. Complete the equivalent fraction: $\frac{4}{8} = \frac{8}{?}$.

Answer: _____

12. Compare $\frac{4}{8}$ and $\frac{2}{5}$. Write $<$ or $>$.

Answer: _____

13. What is $\frac{1}{2}$ of 16?

Answer: _____

14. Add and simplify: $\frac{2}{5} + \frac{2}{5}$.

Answer: _____

15. Subtract and simplify: $\frac{3}{6} - \frac{2}{6}$.

Answer: _____

16. Write $1\frac{2}{6}$ as an improper fraction.

Answer: _____

17. Write $\frac{29}{12}$ as a mixed number.

Answer: _____

18. A trail crew finished $\frac{5}{10}$ of a route. What fraction of the route remains?

Answer: _____

19. Complete the equivalent fraction: $\frac{1}{8} = \frac{?}{40}$.

Answer: _____

20. Complete the equivalent fraction: $\frac{3}{6} = \frac{15}{?}$.

Answer: _____

21. Compare $\frac{1}{2}$ and $\frac{3}{8}$. Write $<$ or $>$.

Answer: _____

22. What is $\frac{4}{10}$ of 40?

Answer: _____

23. Add and simplify: $\frac{1}{2} + \frac{1}{2}$.

Answer: _____

24. Subtract and simplify: $\frac{2}{5} - \frac{1}{5}$.

Answer: _____

Answer Key

Answers for all 24 questions

1. 3	2. 8
3. <	4. 22
5. $\frac{1}{2}$	6. $\frac{1}{3}$
7. $\frac{7}{2}$	8. $3\frac{1}{3}$
9. $\frac{1}{5}$	10. 9
11. 16	12. >
13. 8	14. $\frac{4}{5}$
15. $\frac{1}{6}$	16. $\frac{8}{6}$
17. $2\frac{5}{12}$	18. $\frac{1}{2}$
19. 5	20. 30
21. >	22. 16
23. $\frac{1}{1}$	24. $\frac{1}{5}$