

Grade 4 Fractions Challenge Worksheet Set 030

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: $2/6 = ?/18$.

Answer: _____

2. Complete the equivalent fraction: $6/8 = 24/?$.

Answer: _____

3. Compare $1/5$ and $2/3$. Write $<$ or $>$.

Answer: _____

4. What is $1/2$ of 16?

Answer: _____

5. Add and simplify: $4/5 + 1/5$.

Answer: _____

6. Subtract and simplify: $4/8 - 2/8$.

Answer: _____

7. Write $4 \frac{2}{3}$ as an improper fraction.

Answer: _____

8. Write $7/3$ as a mixed number.

Answer: _____

9. A trail crew finished $9/12$ of a route. What fraction of the route remains?

Answer: _____

10. Complete the equivalent fraction: $3/5 = ?/15$.

Answer: _____

11. Complete the equivalent fraction: $3/8 = 12/?$.

Answer: _____

12. Compare $\frac{11}{12}$ and $\frac{1}{2}$. Write $<$ or $>$.

Answer: _____

13. What is $\frac{4}{12}$ of 96?

Answer: _____

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

Answer: _____

15. Subtract and simplify: $\frac{3}{5} - \frac{1}{5}$.

Answer: _____

16. Write $4 \frac{11}{12}$ as an improper fraction.

Answer: _____

17. Write $\frac{73}{12}$ as a mixed number.

Answer: _____

18. A trail crew finished $\frac{2}{5}$ of a route. What fraction of the route remains?

Answer: _____

19. Complete the equivalent fraction: $\frac{3}{10} = \frac{?}{30}$.

Answer: _____

20. Complete the equivalent fraction: $\frac{7}{10} = \frac{21}{?}$.

Answer: _____

21. Compare $\frac{1}{4}$ and $\frac{4}{10}$. Write $<$ or $>$.

Answer: _____

22. What is $\frac{3}{8}$ of 96?

Answer: _____

23. Add and simplify: $\frac{9}{10} + \frac{1}{10}$.

Answer: _____

24. Subtract and simplify: $\frac{5}{6} - \frac{2}{6}$.

Answer: _____

Answer Key

Answers for all 24 questions

1. 6	2. 32
3. <	4. 8
5. $\frac{1}{1}$	6. $\frac{1}{4}$
7. $\frac{14}{3}$	8. $2\frac{1}{3}$
9. $\frac{1}{4}$	10. 9
11. 32	12. >
13. 32	14. $\frac{4}{5}$
15. $\frac{2}{5}$	16. $\frac{59}{12}$
17. $6\frac{1}{12}$	18. $\frac{3}{5}$
19. 9	20. 30
21. <	22. 36
23. $\frac{1}{1}$	24. $\frac{1}{2}$