

Grade 4 Fractions Challenge Worksheet Set 006

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: $2/10 = ?/50$.

Answer: _____

2. Complete the equivalent fraction: $3/4 = 9/?$.

Answer: _____

3. Compare $7/8$ and $2/3$. Write $<$ or $>$.

Answer: _____

4. What is $2/8$ of 56?

Answer: _____

5. Add and simplify: $6/8 + 2/8$.

Answer: _____

6. Subtract and simplify: $3/4 - 2/4$.

Answer: _____

7. Write $6 \frac{3}{4}$ as an improper fraction.

Answer: _____

8. Write $40/6$ as a mixed number.

Answer: _____

9. A trail crew finished $7/10$ of a route. What fraction of the route remains?

Answer: _____

10. Complete the equivalent fraction: $9/10 = ?/40$.

Answer: _____

11. Complete the equivalent fraction: $2/4 = 10/?$.

Answer: _____

12. Compare $\frac{9}{12}$ and $\frac{1}{3}$. Write $<$ or $>$.

Answer: _____

13. What is $\frac{5}{6}$ of 18?

Answer: _____

14. Add and simplify: $\frac{2}{6} + \frac{3}{6}$.

Answer: _____

15. Subtract and simplify: $\frac{4}{10} - \frac{1}{10}$.

Answer: _____

16. Write $4\frac{7}{8}$ as an improper fraction.

Answer: _____

17. Write $\frac{5}{3}$ as a mixed number.

Answer: _____

18. A trail crew finished $\frac{3}{10}$ of a route. What fraction of the route remains?

Answer: _____

19. Complete the equivalent fraction: $\frac{3}{4} = \frac{?}{20}$.

Answer: _____

20. Complete the equivalent fraction: $\frac{1}{10} = \frac{2}{?}$.

Answer: _____

21. Compare $\frac{5}{8}$ and $\frac{1}{2}$. Write $<$ or $>$.

Answer: _____

22. What is $\frac{6}{10}$ of 120?

Answer: _____

23. Add and simplify: $\frac{4}{8} + \frac{1}{8}$.

Answer: _____

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

Answer: _____

Answer Key

Answers for all 24 questions

1. 10	2. 12
3. >	4. 14
5. $\frac{1}{1}$	6. $\frac{1}{4}$
7. $\frac{27}{4}$	8. $6\frac{4}{6}$
9. $\frac{3}{10}$	10. 36
11. 20	12. >
13. 15	14. $\frac{5}{6}$
15. $\frac{3}{10}$	16. $\frac{39}{8}$
17. $1\frac{2}{3}$	18. $\frac{7}{10}$
19. 15	20. 20
21. >	22. 72
23. $\frac{5}{8}$	24. $\frac{1}{2}$