

Grade 4 Fractions Challenge Worksheet Set 009

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: $\frac{1}{8} = \frac{?}{24}$.

Answer: _____

2. Complete the equivalent fraction: $\frac{2}{6} = \frac{10}{?}$.

Answer: _____

3. Compare $\frac{4}{10}$ and $\frac{4}{5}$. Write $<$ or $>$.

Answer: _____

4. What is $\frac{1}{2}$ of 10?

Answer: _____

5. Add and simplify: $\frac{1}{8} + \frac{2}{8}$.

Answer: _____

6. Subtract and simplify: $\frac{2}{4} - \frac{1}{4}$.

Answer: _____

7. Write $6\frac{2}{8}$ as an improper fraction.

Answer: _____

8. Write $\frac{27}{5}$ as a mixed number.

Answer: _____

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

Answer: _____

10. Complete the equivalent fraction: $\frac{1}{2} = \frac{?}{6}$.

Answer: _____

11. Complete the equivalent fraction: $\frac{5}{6} = \frac{15}{?}$.

Answer: _____

12. Compare $\frac{2}{6}$ and $\frac{2}{3}$. Write $<$ or $>$.

Answer: _____

13. What is $\frac{4}{6}$ of 42?

Answer: _____

14. Add and simplify: $\frac{4}{6} + \frac{1}{6}$.

Answer: _____

15. Subtract and simplify: $\frac{5}{6} - \frac{4}{6}$.

Answer: _____

16. Write $6\frac{1}{3}$ as an improper fraction.

Answer: _____

17. Write $\frac{41}{6}$ as a mixed number.

Answer: _____

18. A trail crew finished $\frac{1}{5}$ of a route. What fraction of the route remains?

Answer: _____

19. Complete the equivalent fraction: $\frac{2}{5} = \frac{?}{20}$.

Answer: _____

20. Complete the equivalent fraction: $\frac{6}{12} = \frac{24}{?}$.

Answer: _____

21. Compare $\frac{5}{6}$ and $\frac{2}{3}$. Write $<$ or $>$.

Answer: _____

22. What is $\frac{4}{5}$ of 45?

Answer: _____

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

Answer: _____

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

Answer: _____

Answer Key

Answers for all 24 questions

1. 3	2. 30
3. <	4. 5
5. $\frac{3}{8}$	6. $\frac{1}{4}$
7. $\frac{50}{8}$	8. $5\frac{2}{5}$
9. $\frac{1}{2}$	10. 3
11. 18	12. <
13. 28	14. $\frac{5}{6}$
15. $\frac{1}{6}$	16. $\frac{19}{3}$
17. $6\frac{5}{6}$	18. $\frac{4}{5}$
19. 8	20. 48
21. >	22. 36
23. $\frac{1}{1}$	24. $\frac{1}{3}$