

Grade 3 Fractions Challenge Worksheet Set 042

Grade 3 · Fractions · Challenge

Name: _____ Date: _____

Use equal parts and number-line reasoning. Compare or complete each fraction exactly as requested.

1. A shape is divided into 4 equal parts. 1 parts are shaded. What fraction is shaded?

Answer: _____

2. A garden bed is divided into 4 equal parts. What unit fraction names one part?

Answer: _____

3. The interval from 0 to 1 is divided into 2 equal spaces. What fraction is at tick 1 after 0?

Answer: _____

4. Complete the equivalent fraction: $\frac{2}{3} = \frac{?}{6}$.

Answer: _____

5. Compare $\frac{1}{5}$ and $\frac{3}{5}$. Write < or >.

Answer: _____

6. Compare $\frac{2}{3}$ and $\frac{2}{4}$. Write < or >.

Answer: _____

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

Answer: _____

8. Compare $\frac{5}{8}$ with $\frac{1}{2}$. Write <, >, or =.

Answer: _____

9. Write 1 whole as a fraction with denominator 5.

Answer: _____

10. A shape is divided into 6 equal parts. 1 parts are shaded. What fraction is shaded?

Answer: _____

11. A circle is divided into 2 equal parts. What unit fraction names one part?

Answer: _____

12. The interval from 0 to 1 is divided into 5 equal spaces. What fraction is at tick 4 after 0?

Answer: _____

13. Complete the equivalent fraction: $\frac{3}{4} = \frac{?}{8}$.

Answer: _____

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

Answer: _____

15. Compare $\frac{1}{3}$ and $\frac{1}{5}$. Write $<$ or $>$.

Answer: _____

16. Complete the equivalent fraction: $\frac{1}{3} = \frac{2}{?}$.

Answer: _____

17. Compare $\frac{1}{4}$ with $\frac{1}{2}$. Write $<$, $>$, or $=$.

Answer: _____

18. Write 1 whole as a fraction with denominator 2.

Answer: _____

19. A shape is divided into 2 equal parts. 1 parts are shaded. What fraction is shaded?

Answer: _____

20. A paper strip is divided into 3 equal parts. What unit fraction names one part?

Answer: _____

21. The interval from 0 to 1 is divided into 6 equal spaces. What fraction is at tick 3 after 0?

Answer: _____

22. Complete the equivalent fraction: $\frac{1}{2} = \frac{?}{4}$.

Answer: _____

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

Answer: _____

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

Answer: _____

Answer Key

Answers for all 24 questions

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