

COMPARING FRACTIONS

REMEMBER:

First, write the numbers as fractions with a common denominator. Then compare numerators.

EXAMPLE

Which is larger, $\frac{2}{3}$ or $\frac{5}{8}$?

Write the fractions so that they have the same denominator.

$$\frac{2}{3} = \frac{16}{24}$$

$$\frac{5}{8} = \frac{15}{24}$$

16 is larger than 15.

So $\frac{2}{3}$ is larger than $\frac{5}{8}$.

Circle the larger fraction in each pair.

1. $\frac{5}{6}$ $\frac{1}{6}$

2. $\frac{7}{8}$ $\frac{3}{8}$

3. $\frac{5}{9}$ $\frac{7}{9}$

4. $\frac{7}{10}$ $\frac{9}{10}$

5. $\frac{11}{13}$ $\frac{10}{13}$

6. $\frac{8}{29}$ $\frac{26}{29}$

7. $\frac{16}{17}$ $\frac{13}{17}$

8. $\frac{5}{8}$ $\frac{3}{4}$

9. $\frac{2}{3}$ $\frac{7}{12}$

10. $\frac{3}{5}$ $\frac{7}{10}$

11. $\frac{1}{3}$ $\frac{4}{15}$

12. $\frac{5}{9}$ $\frac{2}{3}$

13. $\frac{3}{4}$ $\frac{11}{12}$

14. $\frac{2}{7}$ $\frac{5}{21}$

15. $\frac{1}{3}$ $\frac{3}{5}$

16. $\frac{3}{4}$ $\frac{2}{3}$

17. $\frac{4}{5}$ $\frac{5}{7}$

18. $\frac{3}{8}$ $\frac{1}{3}$

19. $\frac{5}{11}$ $\frac{2}{5}$

20. $\frac{2}{9}$ $\frac{1}{5}$

21. $\frac{4}{7}$ $\frac{2}{3}$

22. $\frac{3}{4}$ $\frac{5}{6}$

23. $\frac{5}{8}$ $\frac{7}{12}$

24. $\frac{7}{9}$ $\frac{5}{6}$

25. $\frac{5}{9}$ $\frac{8}{15}$

26. $\frac{3}{10}$ $\frac{1}{4}$

27. $\frac{5}{14}$ $\frac{8}{21}$

28. $\frac{3}{8}$ $\frac{5}{14}$

29. $\frac{5}{9}$ $\frac{3}{5}$

30. $\frac{6}{11}$ $\frac{5}{9}$

31. $\frac{5}{8}$ $\frac{11}{18}$

32. $\frac{7}{9}$ $\frac{2}{3}$

33. $\frac{3}{10}$ $\frac{4}{15}$

34. $\frac{5}{6}$ $\frac{11}{14}$

35. $\frac{9}{10}$ $\frac{3}{5}$

ADDING FRACTIONS

REMEMBER:

To add fractions with like denominators, add the numerators. The denominator stays the same.

EXAMPLES

$$\begin{array}{r} \frac{1}{3} \\ + \frac{1}{3} \\ \hline \frac{2}{3} \end{array}$$

$$\begin{array}{r} \frac{1}{5} \\ + \frac{2}{5} \\ \hline \frac{3}{5} \end{array}$$

$$\begin{array}{r} \frac{2}{6} \\ + \frac{1}{6} \\ \hline \frac{3}{6} = \frac{1}{2} \end{array}$$

$$\begin{array}{r} \frac{1}{4} \\ + \frac{3}{4} \\ \hline \frac{4}{4} = 1 \end{array}$$

Add. Reduce if possible.

$$\begin{array}{r} 1. \quad \frac{1}{4} \\ + \frac{2}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \frac{2}{5} \\ + \frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \frac{1}{6} \\ + \frac{3}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \frac{3}{10} \\ + \frac{4}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \frac{2}{12} \\ + \frac{3}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \frac{1}{10} \\ + \frac{3}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \frac{3}{12} \\ + \frac{5}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \frac{2}{10} \\ + \frac{5}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \frac{1}{4} \\ + \frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad \frac{2}{6} \\ + \frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad \frac{2}{20} \\ + \frac{3}{20} \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad \frac{1}{8} \\ + \frac{3}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad \frac{2}{8} \\ + \frac{4}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad \frac{5}{10} \\ + \frac{1}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad \frac{1}{12} \\ + \frac{11}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad \frac{4}{10} \\ + \frac{5}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad \frac{3}{12} \\ + \frac{3}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad \frac{1}{20} \\ + \frac{10}{20} \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad \frac{2}{12} \\ + \frac{6}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad \frac{3}{20} \\ + \frac{17}{20} \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad \frac{3}{7} \\ + \frac{2}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad \frac{5}{12} \\ + \frac{7}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad \frac{7}{25} \\ + \frac{15}{25} \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad \frac{11}{50} \\ + \frac{27}{50} \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad \frac{4}{15} \\ + \frac{9}{15} \\ \hline \end{array}$$