

**SIMPLIFICAR EXPRESIONES CON NUMEROS
RACIONALES**

Simplificar

1. $\frac{2}{5} + \frac{5}{6} + \frac{7}{10} =$

2. $\frac{2}{3} + \frac{5}{6} + \frac{7}{8} =$

3. $\frac{1}{4} + \frac{5}{6} + \frac{2}{3} =$

4. $\frac{2}{3} - \frac{5}{6} + \frac{7}{9} =$

5. $-\frac{1}{2} + \frac{3}{4} - \frac{7}{8} =$

6. $\frac{3}{5} - \frac{9}{10} - \frac{7}{15} =$

7. $-\frac{2}{3} + \frac{5}{6} - \frac{7}{9} + \frac{5}{12} =$

8. $\frac{1}{2} - \frac{3}{4} + \frac{7}{8} + \frac{5}{16} =$

9. $\frac{1}{2} - \frac{2}{3} + \frac{3}{4} - \frac{4}{5} =$

10. $-\frac{1}{2} - \frac{2}{3} + \frac{3}{4} - \frac{4}{5} =$

11. $3 - \frac{3}{4} =$

12. $1 - \frac{1}{4} =$

13. $\frac{1 - \frac{1}{4}}{1 - \frac{1}{3}} =$

14. $\frac{1 - \frac{3}{4}}{1 + \frac{2}{3}} =$

$$15. 1 + \frac{1}{1 - \frac{1}{2}} =$$

$$16. 1 + \frac{1}{1 + \frac{2}{3}} =$$

$$17. 1 + \frac{1}{1 + \frac{1}{1 + \frac{2}{3}}} =$$

$$18. 1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{3}}}} =$$

$$19. 1 - \frac{1}{1 - \frac{1}{1 - \frac{1}{1 - \frac{1}{3}}}} =$$

$$20. 1 - \frac{1}{1 + \frac{1}{1 - \frac{1}{1 + \frac{1}{3}}}} =$$

$$21. \frac{\frac{2}{3} - \frac{5}{4}}{\frac{2}{3} + \frac{4}{4}} =$$

$$22. \frac{\frac{1}{3} - \frac{3}{4}}{\frac{1}{3} + \frac{4}{4}} =$$

$$23. \frac{\frac{1}{3} - \frac{3}{4} + \frac{5}{8}}{\frac{1}{3} + \frac{3}{4} + \frac{3}{8}} =$$

$$24. \frac{\frac{2}{3} + \frac{3}{4} + \frac{5}{6}}{\frac{1}{3} + \frac{3}{4} - \frac{6}{6}} =$$

$$25. \left(\frac{3}{4} - \frac{5}{6}\right) \left(\frac{1}{4} - \frac{2}{3}\right) =$$

$$26. \frac{3 \times 5 \times 6 \times 8 \times 9}{15 \times 18} =$$

$$27. \frac{8 \times 4 \times 6 \times 12 \times 9}{15 \times 16 \times 18} =$$

$$28. \frac{18 \times 5 \times 6 \times 12 \times 9}{15 \times 16 \times 18} =$$

$$29. \frac{18 \times 15 \times 6 \times 12 \times 9}{15 \times 16 \times 27} =$$

$$30. \frac{18 \times 5 \times 6 \times 12 \times 9 \times 4}{15 \times 24 \times 18} =$$

ORDENAR DE MAYOR A MENOR LAS SIGUIENTES FRACCIONES

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

2. $\frac{6}{7}, \frac{3}{7}, \frac{9}{7}, \frac{5}{7}$

3. $\frac{5}{7}, \frac{1}{2}, \frac{4}{5}$

4. $\frac{5}{9}, \frac{7}{8}, \frac{4}{7}$

5. $\frac{4}{7}, \frac{3}{4}, \frac{7}{9}, \frac{5}{8}$