

Fraccions operacions combinades

Nom: _____

Calcula i simplifica:

1. $-\frac{2}{15} : \frac{2}{9} + \frac{2}{15} - \frac{1}{3} =$ _____ Sol. $-4/5$

2. $-\frac{2}{9} + \frac{2}{3} - \frac{1}{3} \cdot \frac{3}{2} =$ _____ Sol. $-1/18$

3. $\frac{7}{15} + \frac{5}{9} : \frac{5}{9} + \frac{5}{9} =$ _____ Sol. $91/45$

4. $-\frac{1}{21} \cdot \frac{7}{3} + \frac{2}{7} : \frac{2}{35} =$ _____ Sol. $44/9$

5. $-3 : \frac{3}{10} - \frac{3}{2} + \frac{1}{2} =$ _____ Sol. -11

6. $-\left(\frac{5}{4} \cdot \frac{2}{9} + 5 \cdot \frac{2}{1} + \frac{5}{4}\right) =$ _____ Sol. $-415/36$

7. $2 \cdot \frac{3}{8} - \left(\frac{1}{15} \cdot \frac{3}{2} - \frac{7}{3}\right) =$ _____ Sol. $179/60$

8. $-\left(\frac{1}{6} + \frac{1}{6} \cdot \frac{2}{9}\right) - \left(\frac{3}{4} \cdot \frac{2}{2}\right) =$ _____ Sol. $-103/108$

9. $\frac{2}{35} \cdot \frac{7}{2} - \left(2 + \frac{3}{14} : \frac{3}{28}\right) =$ _____ Sol. $-19/5$

10. $-\frac{1}{10} \cdot \left(\frac{5}{2} - \frac{1}{15} + \frac{1}{10} : \frac{3}{10}\right) =$ _____ Sol. $-83/300$