

Fraccions operacions combinades

Nom: _____

Calcula i simplifica:

1. $\frac{2}{15} + \frac{2}{15} - \frac{1}{3} : \frac{1}{3} =$ _____ Sol. $-\frac{11}{15}$

2. $\frac{1}{8} + \frac{1}{8} \cdot \frac{2}{15} - \frac{5}{6} =$ _____ Sol. $-\frac{83}{120}$

3. $\frac{2}{9} - \frac{1}{9} + \frac{2}{15} \cdot 3 =$ _____ Sol. $\frac{23}{45}$

4. $\frac{1}{5} - \frac{7}{15} \cdot \frac{5}{24} - 5 =$ _____ Sol. $-\frac{1763}{360}$

5. $-\frac{2}{15} : \frac{1}{3} + \frac{1}{12} \cdot 3 =$ _____ Sol. $-\frac{3}{20}$

6. $-\frac{1}{25} \cdot \left(\frac{5}{2} - \frac{1}{20} + 7 \right) =$ _____ Sol. $-\frac{189}{500}$

7. $-\left(\frac{1}{6} : \frac{3}{4} + \frac{1}{4} \right) \cdot 2 =$ _____ Sol. $-\frac{17}{18}$

8. $\frac{7}{10} - \frac{2}{25} \cdot \left(\frac{5}{16} + \frac{3}{5} \right) =$ _____ Sol. $\frac{627}{1000}$

9. $-\frac{3}{10} \cdot \left(\frac{2}{3} - \frac{1}{10} \cdot \frac{2}{3} \right) =$ _____ Sol. $-\frac{9}{50}$

10. $-\left(\frac{5}{4} \cdot \frac{2}{21} - \frac{3}{2} \cdot \frac{2}{5} \right) =$ _____ Sol. $\frac{101}{210}$