Exercícios: Operações com frações

1.
$$\frac{2}{3} + \frac{4}{3} - \frac{11}{3} =$$

2.
$$\frac{5}{4} - \frac{4}{3} \cdot \frac{12}{5} =$$

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

4.
$$\frac{6}{7} \cdot \frac{1}{3} + \left[2 \cdot \left(3\frac{1}{3} - 2\right)\right] \div 5 =$$

5.
$$2 + \frac{3}{5} \cdot \left\{\frac{2}{3} + 3 \cdot \left[\frac{7}{6} - 1\right]\right\} \cdot \frac{8}{5} =$$

6.
$$\frac{3{,}75}{1{,}5} + 3 - \left(\frac{5}{4} + \frac{2}{5} \cdot \frac{15}{2} - 12{,}5\right) =$$

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

8.
$$1 + \frac{1 + \frac{1}{2}}{3 - \frac{5}{2}} \cdot \frac{3{,}5}{5} =$$

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

10.
$$\frac{1}{2} - \frac{4}{9} + 2 + 4\frac{6}{7} - 1 + 11\frac{1}{2} =$$

Gabarito:

1. -5/3
2. -39/20
3. 29/6
4. 86/105
5. 78/25
6. 55/4
7. 238/75
8. 31/10
9. -19/15
10. 1097/63