

Fractions

Simplification of fractions

1. Evaluate $5 + \frac{5}{4} - 5 \times \frac{5}{4}$

2. Simplify $\left(\frac{3}{4} + \frac{1}{3}\right) \times 4\frac{1}{3} \div 3\frac{1}{3}$

3. Simplify $1\frac{1}{4} \times \left(1\frac{1}{2} - \frac{2}{3}\right)$

4. Simplify $2\frac{1}{3} \div 2\frac{2}{3} \times 1\frac{1}{7}$

5. Simplify $\left(2\frac{1}{6} - 1\frac{2}{3}\right) \div 2\frac{2}{3}$

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Answers

Simplification of fractions

1. Evaluate $5 + \frac{5}{4} - 5 \times \frac{5}{4} = 0$

2. Simplify $\left(\frac{3}{4} + \frac{1}{3}\right) \times 4\frac{1}{3} \div 3\frac{1}{3} = \frac{13}{9}$

3. Simplify $1\frac{1}{4} \times \left(1\frac{1}{2} - \frac{2}{3}\right) = \frac{1}{2}$

4. Simplify $2\frac{1}{3} \div 2\frac{2}{3} \times 1\frac{1}{7} = 1$

5. Simplify $\left(2\frac{1}{6} - 1\frac{2}{3}\right) \div 2\frac{2}{3} = \frac{3}{16}$