



Solve each problem.

1) $\frac{5}{10} - \frac{1}{2} \div \frac{2}{10} \times \frac{5}{10} =$

2) $\frac{1}{2} - \left(\frac{4}{5} \times \frac{8}{9} + \frac{2}{5} \right) - \frac{3}{4} =$

3) $\frac{3}{4} \times \left(\frac{2}{3} + \frac{1}{2} \right) - \frac{5}{9} =$

4) $\frac{1}{7} \div \frac{2}{3} \times \frac{1}{5} =$

5) $\frac{1}{2} - \left(\frac{4}{6} \div \frac{3}{9} \right) \div \frac{3}{4} =$

6) $\left(\frac{5}{7} \div \frac{6}{7} \times \frac{6}{8} \right) - \frac{1}{8} - \frac{4}{5} =$

7) $\frac{3}{6} \times \frac{2}{3} \times \frac{4}{8} - \frac{3}{6} =$

8) $\frac{1}{2} \times \frac{5}{9} - \frac{3}{8} \times \frac{1}{2} + \frac{2}{4} =$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____



Solve each problem.

$$1) \frac{5}{10} - \frac{1}{2} \div \frac{2}{10} \times \frac{5}{10} =$$

$$\frac{5}{10} - \frac{5}{2} \times \frac{5}{10}$$

$$\frac{5}{10} - \frac{5}{4}$$

$$-\frac{15}{20}$$

$$2) \frac{1}{2} - \left(\frac{4}{5} \times \frac{8}{9} + \frac{2}{5} \right) - \frac{3}{4} =$$

$$\frac{32}{45} + \frac{2}{5}$$

$$\frac{50}{45}$$

$$-\frac{55}{90} - \frac{3}{4}$$

$$-\frac{245}{180}$$

$$3) \frac{3}{4} \times \left(\frac{2}{3} + \frac{1}{2} \right) - \frac{5}{9} =$$

$$\frac{7}{6}$$

$$\frac{7}{8} - \frac{5}{9}$$

$$\frac{23}{72}$$

$$4) \frac{1}{7} \div \frac{2}{3} \times \frac{1}{5} =$$

$$\frac{3}{14} \times \frac{1}{5}$$

$$\frac{3}{70}$$

$$5) \frac{1}{2} - \left(\frac{4}{6} \div \frac{3}{9} \right) \div \frac{3}{4} =$$

$$\frac{2}{1}$$

$$\frac{1}{2} - \frac{8}{3}$$

$$-\frac{13}{6}$$

$$6) \left(\frac{5}{7} \div \frac{6}{7} \times \frac{6}{8} \right) - \frac{1}{8} - \frac{4}{5} =$$

$$\frac{5}{6} \times \frac{6}{8}$$

$$\frac{5}{8}$$

$$\frac{4}{8} - \frac{4}{5}$$

$$-\frac{12}{40}$$

$$7) \frac{3}{6} \times \frac{2}{3} \times \frac{4}{8} - \frac{3}{6} =$$

$$\frac{1}{3} \times \frac{4}{8} - \frac{3}{6}$$

$$\frac{1}{6} - \frac{3}{6}$$

$$-\frac{2}{6}$$

$$8) \frac{1}{2} \times \frac{5}{9} - \frac{3}{8} \times \frac{1}{2} + \frac{2}{4} =$$

$$\frac{5}{18} - \frac{3}{8} \times \frac{1}{2} + \frac{2}{4}$$

$$\frac{5}{18} - \frac{3}{16} + \frac{2}{4}$$

$$\frac{13}{144} + \frac{2}{4}$$

$$\frac{85}{144}$$

Answers

1. $-\frac{15}{20}$
2. $-\frac{245}{180}$
3. $\frac{23}{72}$
4. $\frac{3}{70}$
5. $-\frac{13}{6}$
6. $-\frac{12}{40}$
7. $-\frac{2}{6}$
8. $\frac{85}{144}$