



Solve each problem.

1) $(\frac{1}{4} \times \frac{8}{9} \div \frac{6}{8}) + \frac{2}{3} + \frac{1}{4} - \frac{2}{3} \times \frac{3}{4}$

2) $\frac{3}{8} \div \frac{5}{7} - \frac{3}{6}$

3) $\frac{1}{2} \times (\frac{1}{2} \div \frac{5}{6}) + \frac{2}{9}$

4) $\frac{1}{2} + \frac{3}{4} \times \frac{1}{2}$

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

6) $\frac{1}{5} + \frac{1}{2} - \frac{7}{8} \times \frac{1}{5}$

7) $(\frac{1}{2} + \frac{4}{7} \div \frac{1}{8}) - \frac{1}{6} - \frac{1}{2}$

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____



Solve each problem.

$$1) \left(\frac{1}{4} \times \frac{8}{9} \div \frac{6}{8}\right) + \frac{2}{3} + \frac{1}{4} - \frac{2}{3} \times \frac{3}{4}$$

$$\frac{2}{9} \div \frac{6}{8}$$

$$\frac{8}{27}$$

$$\frac{8}{27} + \frac{2}{3} + \frac{1}{4} - \frac{1}{2}$$

$$\frac{26}{27} + \frac{1}{4} - \frac{1}{2}$$

$$\frac{131}{108} - \frac{1}{2}$$

$$\frac{77}{108}$$

$$2) \frac{3}{8} \div \frac{5}{7} - \frac{3}{6}$$

$$\frac{21}{40} - \frac{3}{6}$$

$$\frac{3}{120}$$

$$3) \frac{1}{2} \times \left(\frac{1}{2} \div \frac{5}{6}\right) + \frac{2}{9}$$

$$\frac{3}{5}$$

$$\frac{3}{10} + \frac{2}{9}$$

$$\frac{47}{90}$$

$$4) \frac{1}{2} + \frac{3}{4} \times \frac{1}{2}$$

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

$$\frac{7}{8}$$

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

$$\frac{5}{7} \times \frac{3}{5}$$

$$\frac{3}{7}$$

$$6) \frac{1}{5} + \frac{1}{2} - \frac{7}{8} \times \frac{1}{5}$$

$$\frac{1}{5} + \frac{1}{2} - \frac{7}{40}$$

$$\frac{7}{10} - \frac{7}{40}$$

$$\frac{21}{40}$$

$$7) \left(\frac{1}{2} + \frac{4}{7} \div \frac{1}{8}\right) - \frac{1}{6} - \frac{1}{2}$$

$$\frac{1}{2} + \frac{32}{7}$$

$$\frac{71}{14}$$

$$\frac{206}{42} - \frac{1}{2}$$

$$\frac{185}{42}$$

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

$$\frac{2}{5} + \frac{1}{5} - \frac{2}{9}$$

$$\frac{3}{5} - \frac{2}{9}$$

$$\frac{17}{45}$$

Answers

1. $\frac{77}{108}$
2. $\frac{3}{120}$
3. $\frac{47}{90}$
4. $\frac{7}{8}$
5. $\frac{3}{7}$
6. $\frac{21}{40}$
7. $\frac{185}{42}$
8. $\frac{17}{45}$