



Solve each problem.

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

2)  $\frac{2}{3} + \frac{1}{3} \times (\frac{2}{10} \times \frac{5}{7} + \frac{1}{2})$

3)  $\frac{5}{10} \div \frac{8}{10} - (\frac{3}{4} - \frac{1}{3} - \frac{1}{3})$

4)  $\frac{6}{10} + (\frac{5}{6} \div \frac{6}{10}) \div \frac{8}{10}$

5)  $\frac{1}{7} + \frac{3}{4} + \frac{3}{8} \times \frac{9}{10} - \frac{1}{7}$

6)  $\frac{3}{6} - \frac{3}{7} \div (\frac{2}{4} - \frac{5}{8})$

7)  $\frac{2}{4} + \frac{6}{8} - \frac{1}{3}$

8)  $\frac{3}{8} + \frac{1}{3} \div \frac{2}{4}$

9)  $\frac{4}{6} \times \frac{4}{8} \div (\frac{5}{7} \times \frac{9}{10} \div \frac{9}{10})$

10)  $\frac{2}{4} \div \frac{5}{8} + \frac{1}{3}$

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Solve each problem.

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

$$\frac{6}{36} - \frac{6}{36} + \frac{1}{2} + \frac{3}{4} + \frac{5}{16}$$

$$\frac{12}{36} + \frac{3}{4} + \frac{5}{16}$$

$$\frac{39}{36} + \frac{5}{16}$$

$$\frac{201}{144}$$

$$2) \frac{2}{3} + \frac{1}{3} \times \left(\frac{2}{10} \times \frac{5}{7} + \frac{1}{2}\right)$$

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

$$\frac{9}{14}$$

$$\frac{2}{3} + \frac{3}{14}$$

$$\frac{37}{42}$$

$$3) \frac{5}{10} \div \frac{8}{10} - \left(\frac{3}{4} - \frac{1}{3} - \frac{1}{3}\right)$$

$$\frac{5}{12} - \frac{1}{3}$$

$$\frac{1}{12}$$

$$\frac{5}{8} - \frac{1}{12}$$

$$\frac{13}{24}$$

$$4) \frac{6}{10} + \left(\frac{5}{6} \div \frac{6}{10}\right) \div \frac{8}{10}$$

$$\frac{25}{18}$$

$$\frac{6}{10} + \frac{125}{72}$$

$$\frac{841}{360}$$

$$5) \frac{1}{7} + \frac{3}{4} + \frac{3}{8} \times \frac{9}{10} - \frac{1}{7}$$

$$\frac{1}{7} + \frac{3}{4} + \frac{27}{80} - \frac{1}{7}$$

$$\frac{25}{28} + \frac{27}{80} - \frac{1}{7}$$

$$\frac{689}{560} - \frac{1}{7}$$

$$\frac{609}{560}$$

$$6) \frac{3}{6} - \frac{3}{7} \div \left(\frac{2}{4} - \frac{5}{8}\right)$$

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

$$\frac{3}{6} - \frac{24}{7}$$

$$\frac{165}{42}$$

$$7) \frac{2}{4} + \frac{6}{8} - \frac{1}{3}$$

$$\frac{10}{8} - \frac{1}{3}$$

$$\frac{22}{24}$$

$$8) \frac{3}{8} + \frac{1}{3} \div \frac{2}{4}$$

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

$$\frac{25}{24}$$

$$9) \frac{4}{6} \times \frac{4}{8} \div \left(\frac{5}{7} \times \frac{9}{10} \div \frac{9}{10}\right)$$

$$\frac{9}{14} \div \frac{9}{10}$$

$$\frac{5}{7}$$

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

$$\frac{7}{15}$$

$$10) \frac{2}{4} \div \frac{5}{8} + \frac{1}{3}$$

$$\frac{4}{5} + \frac{1}{3}$$

$$\frac{17}{15}$$

**Answers**

1.  $\frac{201}{144}$
2.  $\frac{37}{42}$
3.  $\frac{13}{24}$
4.  $\frac{841}{360}$
5.  $\frac{609}{560}$
6.  $\frac{165}{42}$
7.  $\frac{22}{24}$
8.  $\frac{25}{24}$
9.  $\frac{7}{15}$
10.  $\frac{17}{15}$