



Solve each problem.

1)  $\frac{1}{4} + \frac{1}{2} \div \frac{6}{9}$

2)  $\frac{2}{4} \times \frac{2}{6} + \frac{3}{6}$

3)  $\frac{3}{10} - \frac{1}{5} + \frac{1}{6} \div \frac{2}{4}$

4)  $\frac{2}{8} + \frac{8}{10} + \frac{1}{2} - \frac{7}{10} \times \frac{6}{9}$

5)  $\frac{2}{4} \times \frac{4}{8} - \frac{1}{10} \div \frac{2}{4}$

6)  $\frac{1}{2} + \frac{3}{10} \div \frac{6}{9} \times \frac{4}{5}$

7)  $\frac{8}{10} \div \frac{1}{5} \times \frac{1}{4}$

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

**Answers**

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

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

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

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

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

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

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

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



Solve each problem.

1)  $\frac{1}{4} + \frac{1}{2} \div \frac{6}{9}$

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

$\frac{4}{4}$

2)  $\frac{2}{4} \times \frac{2}{6} + \frac{3}{6}$

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

$\frac{4}{6}$

3)  $\frac{3}{10} - \frac{1}{5} + \frac{1}{6} \div \frac{2}{4}$

$\frac{3}{10} - \frac{1}{5} + \frac{1}{3}$

$\frac{1}{10} + \frac{1}{3}$

$\frac{13}{30}$

4)  $\frac{2}{8} + \frac{8}{10} + \frac{1}{2} - \frac{7}{10} \times \frac{6}{9}$

$\frac{2}{8} + \frac{8}{10} + \frac{1}{2} - \frac{7}{15}$

$\frac{42}{40} + \frac{1}{2} - \frac{7}{15}$

$\frac{62}{40} - \frac{7}{15}$

$\frac{130}{120}$

5)  $\frac{2}{4} \times \frac{4}{8} - \frac{1}{10} \div \frac{2}{4}$

$\frac{1}{4} - \frac{1}{10} \div \frac{2}{4}$

$\frac{1}{4} - \frac{1}{5}$

$\frac{1}{20}$

6)  $\frac{1}{2} + \frac{3}{10} \div \frac{6}{9} \times \frac{4}{5}$

$\frac{1}{2} + \frac{9}{20} \times \frac{4}{5}$

$\frac{1}{2} + \frac{9}{25}$

$\frac{43}{50}$

7)  $\frac{8}{10} \div \frac{1}{5} \times \frac{1}{4}$

$\frac{4}{1} \times \frac{1}{4}$

$\frac{1}{1}$

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

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

$\frac{2}{2}$

**Answers**

$\frac{4}{4}$

$\frac{4}{6}$

$\frac{13}{30}$

$\frac{130}{120}$

$\frac{1}{20}$

$\frac{43}{50}$

$\frac{1}{1}$

$\frac{2}{2}$



Solve each problem.

1)  $\frac{4}{9} \times \frac{1}{3} + \frac{2}{7} - \frac{4}{6} \div \frac{8}{9}$

2)  $\frac{5}{6} \div \frac{1}{3} - \frac{1}{9} + \frac{6}{7} - \frac{1}{3}$

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

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

5)  $\frac{6}{8} \div \frac{1}{3} + \frac{6}{9}$

6)  $(\frac{1}{2} + \frac{2}{5} \div \frac{3}{4}) \times \frac{4}{5} \times \frac{7}{9} - \frac{1}{2} \div \frac{2}{4}$

7)  $\frac{1}{6} \times \frac{2}{3} \div \frac{2}{6} + \frac{1}{7} \times \frac{2}{5}$

8)  $\frac{7}{9} \times \frac{1}{2} \times \frac{3}{6} - \frac{3}{5}$

**Answers**

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

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

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

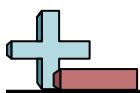
4. \_\_\_\_\_

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

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

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

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



Solve each problem.

1)  $\frac{4}{9} \times \frac{1}{3} + \frac{2}{7} - \frac{4}{6} \div \frac{8}{9}$

$$\frac{4}{27} + \frac{2}{7} - \frac{4}{6} \div \frac{8}{9}$$

$$\frac{4}{27} + \frac{2}{7} - \frac{3}{4}$$

$$\frac{82}{189} - \frac{3}{4}$$

$$-\frac{239}{756}$$

2)  $\frac{5}{6} \div \frac{1}{3} - \frac{1}{9} + \frac{6}{7} - \frac{1}{3}$

$$\frac{5}{2} - \frac{1}{9} + \frac{6}{7} - \frac{1}{3}$$

$$\frac{43}{18} + \frac{6}{7} - \frac{1}{3}$$

$$\frac{409}{126} - \frac{1}{3}$$

$$\frac{367}{126}$$

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

$$\frac{5}{6} - \frac{2}{4} + \frac{1}{8}$$

$$\frac{4}{12} + \frac{1}{8}$$

$$\frac{11}{24}$$

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

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

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

5)  $\frac{6}{8} \div \frac{1}{3} + \frac{6}{9}$

$$\frac{9}{4} + \frac{6}{9}$$

$$\frac{105}{36}$$

6)  $(\frac{1}{2} + \frac{2}{5} \div \frac{3}{4}) \times \frac{4}{5} \times \frac{7}{9} - \frac{1}{2} \div \frac{2}{4}$

$$\frac{1}{2} + \frac{8}{15}$$

$$\frac{31}{30}$$

$$\frac{62}{75} \times \frac{7}{9} - \frac{1}{2} \div \frac{2}{4}$$

$$\frac{434}{675} - \frac{1}{2} \div \frac{2}{4}$$

$$\frac{434}{675} - \frac{1}{1}$$

$$-\frac{241}{675}$$

7)  $\frac{1}{6} \times \frac{2}{3} \div \frac{2}{6} + \frac{1}{7} \times \frac{2}{5}$

$$\frac{1}{9} \div \frac{2}{6} + \frac{1}{7} \times \frac{2}{5}$$

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

$$\frac{1}{3} + \frac{2}{35}$$

$$\frac{41}{1}$$

8)  $\frac{7}{9} \times \frac{1}{2} \times \frac{3}{6} - \frac{3}{5}$

$$\frac{7}{18} \times \frac{3}{6} - \frac{3}{5}$$

$$\frac{7}{36} - \frac{3}{5}$$

$$-\frac{73}{180}$$

**Answers**

1.  $-\frac{239}{756}$

2.  $\frac{367}{126}$

3.  $\frac{11}{24}$

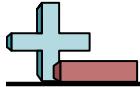
4.  $-\frac{10}{8}$

5.  $\frac{105}{36}$

6.  $-\frac{241}{675}$

7.  $\frac{41}{105}$

8.  $-\frac{73}{180}$



Solve each problem.

1)  $\frac{1}{8} - (\frac{5}{7} \times \frac{6}{7}) - \frac{2}{4}$

2)  $\frac{2}{7} \div \frac{2}{3} + \frac{2}{3}$

3)  $\frac{1}{2} + \frac{2}{5} - \frac{1}{4}$

4)  $\frac{6}{8} + \frac{4}{9} \div \frac{8}{10}$

5)  $\frac{3}{7} - \frac{1}{5} \div \frac{6}{10} + \frac{1}{2}$

6)  $\frac{5}{10} \times \frac{4}{5} + \frac{1}{4}$

7)  $\frac{7}{9} + \frac{6}{9} + \frac{2}{7} \div \frac{2}{3} \div \frac{1}{7}$

8)  $(\frac{6}{7} - \frac{1}{2}) + \frac{4}{9} \div \frac{7}{10}$

**Answers**

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

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

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

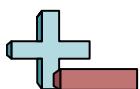
4. \_\_\_\_\_

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

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

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

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



Solve each problem.

1)  $\frac{1}{8} - (\frac{5}{7} \times \frac{6}{7}) - \frac{2}{4}$

$$\begin{array}{r} \frac{30}{49} \\ - \frac{191}{392} \\ \hline - \frac{387}{392} \end{array}$$

2)  $\frac{2}{7} \div \frac{2}{3} + \frac{2}{3}$

$$\begin{array}{r} \frac{3}{7} + \frac{2}{3} \\ \hline \frac{23}{21} \end{array}$$

3)  $\frac{1}{2} + \frac{2}{5} - \frac{1}{4}$

$$\begin{array}{r} \frac{9}{10} - \frac{1}{4} \\ \hline \frac{13}{20} \end{array}$$

4)  $\frac{6}{8} + \frac{4}{9} \div \frac{8}{10}$

$$\begin{array}{r} \frac{6}{8} + \frac{5}{9} \\ \hline \frac{94}{72} \end{array}$$

5)  $\frac{3}{7} - \frac{1}{5} \div \frac{6}{10} + \frac{1}{2}$

$$\begin{array}{r} \frac{3}{7} - \frac{1}{3} + \frac{1}{2} \\ \hline \frac{2}{21} + \frac{1}{2} \\ \hline \frac{25}{42} \end{array}$$

6)  $\frac{5}{10} \times \frac{4}{5} + \frac{1}{4}$

$$\begin{array}{r} \frac{2}{5} + \frac{1}{4} \\ \hline \frac{13}{20} \end{array}$$

7)  $\frac{7}{9} + \frac{6}{9} + \frac{2}{7} \div \frac{2}{3} \div \frac{1}{7}$

$$\begin{array}{r} \frac{7}{9} + \frac{6}{9} + \frac{3}{7} \div \frac{1}{7} \\ \hline \frac{7}{9} + \frac{6}{9} + \frac{3}{1} \\ \hline \frac{13}{9} + \frac{3}{1} \\ \hline \frac{40}{9} \end{array}$$

8)  $(\frac{6}{7} - \frac{1}{2}) + \frac{4}{9} \div \frac{7}{10}$

$$\begin{array}{r} \frac{5}{14} \\ \hline \frac{5}{14} + \frac{40}{63} \\ \hline \frac{125}{126} \end{array}$$

**Answers**

1.  $\frac{387}{392}$

2.  $\frac{23}{21}$

3.  $\frac{13}{20}$

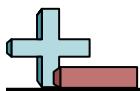
4.  $\frac{94}{72}$

5.  $\frac{25}{42}$

6.  $\frac{13}{20}$

7.  $\frac{40}{9}$

8.  $\frac{125}{126}$



Solve each problem.

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

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

3)  $(\frac{2}{9} + \frac{1}{2} \times \frac{1}{2}) + \frac{4}{10} \times \frac{1}{2}$

4)  $\frac{5}{10} \times (\frac{2}{3} + \frac{6}{7}) - \frac{1}{5}$

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

6)  $\frac{2}{7} \times \frac{1}{8} + \frac{1}{3} \div \frac{4}{10}$

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

8)  $(\frac{5}{8} + \frac{9}{10} \times \frac{7}{10}) + \frac{2}{4} + \frac{2}{5}$

**Answers**

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

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

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

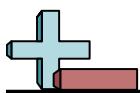
4. \_\_\_\_\_

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

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

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

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



Solve each problem.

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

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

$\frac{2}{3} + \frac{2}{15} \div \frac{5}{8}$

$\frac{2}{3} + \frac{16}{75}$

$\frac{66}{75}$

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

$\frac{7}{6}$

$\frac{9}{16} \div \frac{7}{6}$

$\frac{27}{56}$

3)  $(\frac{2}{9} + \frac{1}{2} \times \frac{1}{2}) + \frac{4}{10} \times \frac{1}{2}$

$\frac{2}{9} + \frac{1}{4}$

$\frac{17}{36}$

$\frac{17}{36} + \frac{1}{5}$

$\frac{121}{180}$

4)  $\frac{5}{10} \times (\frac{2}{3} + \frac{6}{7}) - \frac{1}{5}$

$\frac{32}{21}$

$\frac{16}{21} - \frac{1}{5}$

$\frac{59}{105}$

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

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

$\frac{2}{6} + \frac{2}{7} - \frac{1}{1}$

$\frac{26}{42} - \frac{1}{1}$

$-\frac{16}{42}$

6)  $\frac{2}{7} \times \frac{1}{8} + \frac{1}{3} \div \frac{4}{10}$

$\frac{1}{28} + \frac{1}{3} \div \frac{4}{10}$

$\frac{1}{28} + \frac{5}{6}$

$\frac{73}{84}$

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

$\frac{1}{12} + \frac{3}{8}$

$\frac{11}{24}$

8)  $(\frac{5}{8} + \frac{9}{10} \times \frac{7}{10}) + \frac{2}{4} + \frac{2}{5}$

$\frac{5}{8} + \frac{63}{100}$

$\frac{251}{200}$

$\frac{351}{200} + \frac{2}{5}$

$\frac{431}{200}$

**Answers**

1.  $\frac{66}{75}$

2.  $\frac{27}{56}$

3.  $\frac{121}{180}$

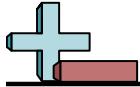
4.  $\frac{59}{105}$

5.  $\frac{16}{42}$

6.  $\frac{73}{84}$

7.  $\frac{11}{24}$

8.  $\frac{431}{200}$



Solve each problem.

1)  $\frac{2}{5} + \frac{3}{4} \times \frac{6}{7}$

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

3)  $\frac{4}{5} - \frac{1}{2} \div \frac{1}{3} + \frac{3}{4} \times \frac{2}{5}$

4)  $\frac{3}{9} + \frac{4}{9} \div \frac{1}{10}$

5)  $\frac{5}{8} - \frac{3}{4} - (\frac{7}{8} - \frac{2}{5} \div \frac{3}{10})$

6)  $\frac{7}{8} + \frac{4}{9} - \frac{1}{5}$

7)  $\frac{1}{9} \div \frac{4}{5} - \frac{3}{5} \div \frac{1}{2}$

8)  $\frac{2}{8} \times \frac{2}{4} + \frac{6}{10}$

**Answers**

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

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

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

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

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

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

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

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



Solve each problem.

1)  $\frac{2}{5} + \frac{3}{4} \times \frac{6}{7}$

$\frac{2}{5} + \frac{9}{14}$

$\frac{73}{70}$

3)  $\frac{4}{5} - \frac{1}{2} \div \frac{1}{3} + \frac{3}{4} \times \frac{2}{5}$

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

$\frac{4}{5} - \frac{3}{2} + \frac{3}{10}$

$\frac{7}{10} + \frac{3}{10}$

$\frac{4}{10}$

5)  $\frac{5}{8} - \frac{3}{4} - (\frac{7}{8} - \frac{2}{5} \div \frac{3}{10})$

$\frac{7}{8} - \frac{4}{3}$

$\frac{11}{24}$

$\frac{1}{8} - \frac{11}{24}$

$\frac{8}{24}$

7)  $\frac{1}{9} \div \frac{4}{5} - \frac{3}{5} \div \frac{1}{2}$

$\frac{5}{36} - \frac{3}{5} \div \frac{1}{2}$

$\frac{5}{36} - \frac{6}{5}$

$\frac{191}{180}$

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

$\frac{3}{4} - \frac{7}{16} \times \frac{2}{8}$

$\frac{3}{4} - \frac{7}{64}$

$\frac{41}{64}$

4)  $\frac{3}{9} + \frac{4}{9} \div \frac{1}{10}$

$\frac{3}{9} + \frac{40}{9}$

$\frac{43}{9}$

6)  $\frac{7}{8} + \frac{4}{9} - \frac{1}{5}$

$\frac{95}{72} - \frac{1}{5}$

$\frac{403}{360}$

8)  $\frac{2}{8} \times \frac{2}{4} + \frac{6}{10}$

$\frac{1}{8} + \frac{6}{10}$

$\frac{29}{40}$

**Answers**

1.  $\frac{73}{70}$

2.  $\frac{41}{64}$

3.  $-\frac{4}{10}$

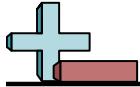
4.  $\frac{43}{9}$

5.  $\frac{8}{24}$

6.  $\frac{403}{360}$

7.  $-\frac{191}{180}$

8.  $\frac{29}{40}$



Solve each problem.

1)  $\frac{9}{10} \times \frac{1}{2} + \frac{1}{3}$

2)  $(\frac{5}{9} + \frac{1}{3} \times \frac{4}{9}) - \frac{7}{9} \times \frac{2}{5}$

3)  $\frac{1}{6} \times \frac{5}{9} - \frac{3}{8} + \frac{3}{4}$

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

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

6)  $\frac{1}{6} - \frac{5}{7} \div \frac{1}{4}$

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

8)  $\frac{2}{5} - \frac{1}{2} \times \frac{1}{4} \div \frac{1}{2} \times \frac{6}{10}$

**Answers**

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

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

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

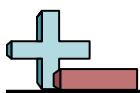
4. \_\_\_\_\_

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

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

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

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



Solve each problem.

1)  $\frac{9}{10} \times \frac{1}{2} + \frac{1}{3}$

$\frac{9}{20} + \frac{1}{3}$

$\frac{47}{60}$

2)  $(\frac{5}{9} + \frac{1}{3} \times \frac{4}{9}) - \frac{7}{9} \times \frac{2}{5}$

$\frac{5}{9} + \frac{4}{27}$

$\frac{19}{27}$

$\frac{19}{27} - \frac{14}{45}$

$\frac{53}{135}$

3)  $\frac{1}{6} \times \frac{5}{9} - \frac{3}{8} + \frac{3}{4}$

$\frac{5}{54} - \frac{3}{8} + \frac{3}{4}$

$-\frac{61}{216} + \frac{3}{4}$

$\frac{101}{216}$

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

$-\frac{1}{4} + \frac{1}{6}$

$-\frac{1}{12}$

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

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

$\frac{3}{8}$

6)  $\frac{1}{6} - \frac{5}{7} \div \frac{1}{4}$

$\frac{1}{6} - \frac{20}{7}$

$-\frac{113}{42}$

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

$\frac{21}{20} + \frac{6}{7} - \frac{5}{8}$

$\frac{267}{140} - \frac{5}{8}$

$\frac{359}{280}$

8)  $\frac{2}{5} - \frac{1}{2} \times \frac{1}{4} \div \frac{1}{2} \times \frac{6}{10}$

$\frac{2}{5} - \frac{1}{8} \div \frac{1}{2} \times \frac{6}{10}$

$\frac{2}{5} - \frac{1}{4} \times \frac{6}{10}$

$\frac{2}{5} - \frac{3}{20}$

$\frac{5}{20}$

**Answers**

1.  $\frac{47}{60}$

2.  $\frac{53}{135}$

3.  $\frac{101}{216}$

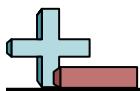
4.  $-\frac{1}{12}$

5.  $\frac{3}{8}$

6.  $-\frac{113}{42}$

7.  $\frac{359}{280}$

8.  $\frac{5}{20}$



Solve each problem.

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

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

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

4)  $\frac{8}{9} - \frac{4}{10} \times \frac{3}{8}$

5)  $\frac{1}{2} \times (\frac{8}{10} + \frac{1}{5}) \div \frac{8}{9}$

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

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

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

Answers

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

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

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

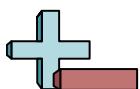
4. \_\_\_\_\_

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

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

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

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



Solve each problem.

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

$\frac{1}{2} + \frac{3}{5}$

$\frac{11}{10}$

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

$-\frac{7}{24} + \frac{2}{8}$

$-\frac{1}{24}$

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

$\frac{28}{25} \times \frac{1}{3} \times \frac{1}{4}$

$\frac{28}{75} \times \frac{1}{4}$

$\frac{7}{75}$

4)  $\frac{8}{9} - \frac{4}{10} \times \frac{3}{8}$

$\frac{8}{9} - \frac{3}{20}$

$\frac{133}{180}$

5)  $\frac{1}{2} \times (\frac{8}{10} + \frac{1}{5}) \div \frac{8}{9}$

$\frac{10}{10}$

$\frac{1}{2} \div \frac{8}{9}$

$\frac{9}{16}$

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

$\frac{10}{9} \times \frac{2}{6}$

$\frac{10}{27}$

$\frac{10}{27} + \frac{8}{35} + \frac{3}{4} + \frac{5}{8}$

$\frac{566}{945} + \frac{3}{4} + \frac{5}{8}$

$\frac{5099}{3780} + \frac{5}{8}$

$\frac{14923}{7560}$

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

$-\frac{8}{24} - \frac{7}{8}$

$-\frac{29}{24}$

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

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

$-\frac{5}{18}$

**Answers**

$\frac{11}{10}$

$-\frac{1}{24}$

$\frac{7}{75}$

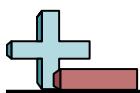
$\frac{133}{180}$

$\frac{9}{16}$

$\frac{14923}{7560}$

$-\frac{29}{24}$

$-\frac{5}{18}$



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. \_\_\_\_\_

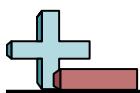
4. \_\_\_\_\_

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

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

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

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



Solve each problem.

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

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

$\frac{8}{27}$

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

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

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

$\frac{77}{108}$

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

$\frac{3}{5}$

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

$\frac{47}{90}$

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

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

$\frac{3}{7}$

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

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

$\frac{71}{14}$

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

$\frac{185}{14}$

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

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

$\frac{3}{120}$

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

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

$\frac{7}{8}$

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

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

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

$\frac{21}{40}$

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.  $\frac{47}{90}$

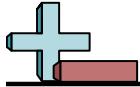
4.  $\frac{7}{8}$

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

6.  $\frac{21}{40}$

7.  $\frac{185}{42}$

8.  $\frac{17}{45}$



Solve each problem.

1)  $\frac{8}{10} \div (\frac{6}{7} + \frac{1}{8}) + \frac{1}{2}$

2)  $\frac{4}{10} - \frac{3}{5} - (\frac{1}{2} \div \frac{1}{2})$

3)  $\frac{1}{2} - \frac{3}{5} \times \frac{2}{3} + \frac{3}{6} \times \frac{3}{5}$

4)  $(\frac{4}{5} \div \frac{1}{6} \times \frac{6}{8}) - \frac{4}{8} + \frac{2}{6}$

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

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

7)  $(\frac{2}{7} - \frac{1}{4} + \frac{7}{10}) \div \frac{4}{8} - \frac{2}{7} - \frac{2}{7}$

8)  $(\frac{3}{7} \times \frac{3}{4}) + \frac{9}{10} \times \frac{1}{4} + \frac{4}{5} \div \frac{3}{6}$

**Answers**

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

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

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

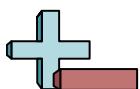
4. \_\_\_\_\_

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

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

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

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



Solve each problem.

1)  $\frac{8}{10} \div (\frac{6}{7} + \frac{1}{8}) + \frac{1}{2}$

$$\frac{55}{56}$$

$$\frac{224}{275} + \frac{1}{2}$$

$$\frac{723}{550}$$

2)  $\frac{4}{10} - \frac{3}{5} - (\frac{1}{2} \div \frac{1}{2})$

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

$$\frac{-2}{10} - \frac{1}{1}$$

$$\frac{-12}{10}$$

3)  $\frac{1}{2} - \frac{3}{5} \times \frac{2}{3} + \frac{3}{6} \times \frac{3}{5}$

$$\frac{1}{2} - \frac{2}{5} + \frac{3}{6} \times \frac{3}{5}$$

$$\frac{1}{2} - \frac{2}{5} + \frac{3}{10}$$

$$\frac{1}{10} + \frac{3}{10}$$

$$\frac{4}{10}$$

4)  $(\frac{4}{5} \div \frac{1}{6} \times \frac{6}{8}) - \frac{4}{8} + \frac{2}{6}$

$$\frac{24}{5} \times \frac{6}{8}$$

$$\frac{18}{5}$$

$$\frac{124}{40} + \frac{2}{6}$$

$$\frac{412}{120}$$

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

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

$$-\frac{1}{24} - \frac{2}{3} + \frac{3}{8}$$

$$-\frac{17}{24} + \frac{3}{8}$$

$$-\frac{8}{24}$$

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

$$\frac{9}{14} \times \frac{2}{8} - \frac{5}{7}$$

$$\frac{9}{56} - \frac{5}{7}$$

$$-\frac{31}{56}$$

7)  $(\frac{2}{7} - \frac{1}{4} + \frac{7}{10}) \div \frac{4}{8} - \frac{2}{7} - \frac{2}{7}$

$$\frac{1}{28} + \frac{7}{10}$$

$$\frac{103}{140}$$

$$\frac{103}{70} - \frac{2}{7} - \frac{2}{7}$$

$$\frac{83}{70} - \frac{2}{7}$$

$$\frac{63}{70}$$

8)  $(\frac{3}{7} \times \frac{3}{4}) + \frac{9}{10} \times \frac{1}{4} + \frac{4}{5} \div \frac{3}{6}$

$$\frac{9}{28}$$

$$\frac{9}{28} + \frac{9}{40} + \frac{4}{5} \div \frac{3}{6}$$

$$\frac{9}{28} + \frac{9}{40} + \frac{8}{5}$$

$$\frac{153}{280} + \frac{8}{5}$$

$$\frac{601}{280}$$

**Answers**

$$\frac{723}{550}$$

$$-\frac{12}{10}$$

$$\frac{4}{10}$$

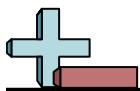
$$\frac{412}{120}$$

$$-\frac{8}{24}$$

$$\frac{31}{56}$$

$$\frac{63}{70}$$

$$\frac{601}{280}$$



Solve each problem.

1)  $\frac{6}{8} + \frac{8}{9} + (\frac{4}{9} + \frac{5}{9})$

2)  $\frac{1}{3} \times \frac{5}{7} \times \frac{2}{6}$

3)  $\frac{2}{3} \times \frac{5}{7} \times \frac{5}{7} - \frac{1}{2}$

4)  $\frac{8}{10} - \frac{1}{2} \div \frac{8}{10} + \frac{2}{6}$

5)  $\frac{3}{8} - \frac{5}{8} \div \frac{5}{6} \times \frac{1}{2}$

6)  $(\frac{5}{10} - \frac{2}{3} + \frac{1}{5}) + \frac{5}{10} \div \frac{2}{9} \div \frac{5}{7} - \frac{1}{2}$

7)  $\frac{1}{5} \div \frac{5}{9} + \frac{4}{5} - \frac{1}{2}$

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

Answers

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

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

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

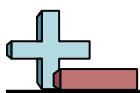
4. \_\_\_\_\_

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

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

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

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



Solve each problem.

1)  $\frac{6}{8} + \frac{8}{9} + (\frac{4}{9} + \frac{5}{9})$

$\frac{9}{9}$

$\frac{118}{72} + \frac{9}{9}$

$\frac{190}{72}$

2)  $\frac{1}{3} \times \frac{5}{7} \times \frac{2}{6}$

$\frac{5}{21} \times \frac{2}{6}$

$\frac{5}{63}$

3)  $\frac{2}{3} \times \frac{5}{7} \times \frac{5}{7} - \frac{1}{2}$

$\frac{10}{21} \times \frac{5}{7} - \frac{1}{2}$

$\frac{50}{147} - \frac{1}{2}$

$\frac{47}{294}$

4)  $\frac{8}{10} - \frac{1}{2} \div \frac{8}{10} + \frac{2}{6}$

$\frac{8}{10} - \frac{5}{8} + \frac{2}{6}$

$\frac{7}{40} + \frac{2}{6}$

$\frac{61}{120}$

5)  $\frac{3}{8} - \frac{5}{8} \div \frac{5}{6} \times \frac{1}{2}$

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

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

$\frac{0}{8}$

6)  $(\frac{5}{10} - \frac{2}{3} + \frac{1}{5}) + \frac{5}{10} \div \frac{2}{9} \div \frac{5}{7} - \frac{1}{2}$

$-\frac{5}{30} + \frac{1}{5}$

$\frac{1}{30}$

$\frac{1}{30} + \frac{9}{4} \div \frac{5}{7} - \frac{1}{2}$

$\frac{1}{30} + \frac{63}{20} - \frac{1}{2}$

$\frac{191}{60} - \frac{1}{2}$

$\frac{161}{60}$

7)  $\frac{1}{5} \div \frac{5}{9} + \frac{4}{5} - \frac{1}{2}$

$\frac{9}{25} + \frac{4}{5} - \frac{1}{2}$

$\frac{29}{25} - \frac{1}{2}$

$\frac{33}{50}$

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

$\frac{1}{16} + \frac{3}{4} \div \frac{1}{3}$

$\frac{1}{16} + \frac{9}{4}$

$\frac{37}{16}$

**Answers**

1)  $\frac{190}{72}$

2)  $\frac{5}{63}$

3)  $-\frac{47}{294}$

4)  $\frac{61}{120}$

5)  $\frac{0}{8}$

6)  $\frac{161}{60}$

7)  $\frac{33}{50}$

8)  $\frac{37}{16}$