



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

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

2. $\frac{4}{6}$

3. $\frac{13}{30}$

4. $\frac{130}{120}$

5. $\frac{1}{20}$

6. $\frac{43}{50}$

7. $\frac{1}{1}$

8. $\frac{2}{2}$



Solve each problem.

Answers

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

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

1. _____

2. _____

3. _____

4. _____

5. _____

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

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

6. _____

7. _____

8. _____

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



Solve each problem.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{41}{105}$$

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

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

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

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

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.

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

$$\frac{30}{49}$$

$$- \frac{191}{392} - \frac{2}{4}$$

$$- \frac{387}{392}$$

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

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

$$\frac{23}{21}$$

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

$$\frac{9}{10} - \frac{1}{4}$$

$$\frac{13}{20}$$

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

$$\frac{6}{8} + \frac{5}{9}$$

$$\frac{94}{72}$$

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

$$\frac{3}{7} - \frac{1}{3} + \frac{1}{2}$$

$$\frac{2}{21} + \frac{1}{2}$$

$$\frac{25}{42}$$

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

$$\frac{2}{5} + \frac{1}{4}$$

$$\frac{13}{20}$$

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

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

$$\frac{7}{9} + \frac{6}{9} + \frac{3}{1}$$

$$\frac{13}{9} + \frac{3}{1}$$

$$\frac{40}{9}$$

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

$$\frac{5}{14}$$

$$\frac{5}{14} + \frac{40}{63}$$

$$\frac{125}{126}$$

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.

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

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

$$\frac{73}{70}$$

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

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

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

$$\frac{41}{64}$$

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

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

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

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

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

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

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

$$\frac{43}{9}$$

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

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

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

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

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

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

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

$$\frac{403}{360}$$

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

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

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

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

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

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

$$\frac{29}{40}$$

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

1. $\frac{11}{10}$

2. $-\frac{1}{24}$

3. $\frac{7}{75}$

4. $\frac{133}{180}$

5. $\frac{9}{16}$

6. $\frac{14923}{7560}$

7. $-\frac{29}{24}$

8. $-\frac{5}{18}$



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

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

$\frac{71}{14}$

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

$\frac{185}{42}$

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

1. $\frac{723}{550}$

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

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

4. $\frac{412}{120}$

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

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

7. $\frac{63}{70}$

8. $\frac{601}{280}$



Solve each problem.

Answers

1) $\frac{6}{8} + \frac{8}{9} + (\frac{4}{9} + \frac{5}{9})$ 2) $\frac{1}{3} \times \frac{5}{7} \times \frac{2}{6}$

1. _____

2. _____

3. _____

4. _____

5. _____

3) $\frac{2}{3} \times \frac{5}{7} \times \frac{5}{7} - \frac{1}{2}$ 4) $\frac{8}{10} - \frac{1}{2} \div \frac{8}{10} + \frac{2}{6}$

6. _____

7. _____

8. _____

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



Solve each problem.

$$1) \frac{6}{8} + \frac{8}{9} + (\frac{4}{9} + \frac{5}{9}) \quad 2) \frac{1}{3} \times \frac{5}{7} \times \frac{2}{6}$$

$$\frac{9}{9} \quad \frac{5}{21} \times \frac{2}{6}$$

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

$$\frac{5}{63}$$

$$\frac{190}{72}$$

$$3) \frac{2}{3} \times \frac{5}{7} \times \frac{5}{7} - \frac{1}{2} \quad 4) \frac{8}{10} - \frac{1}{2} \div \frac{8}{10} + \frac{2}{6}$$

$$\frac{10}{21} \times \frac{5}{7} - \frac{1}{2} \quad \frac{8}{10} - \frac{5}{8} + \frac{2}{6}$$

$$\frac{50}{147} - \frac{1}{2} \quad \frac{7}{40} + \frac{2}{6}$$

$$- \frac{47}{294} \quad \frac{61}{120}$$

$$5) \frac{3}{8} - \frac{5}{8} \div \frac{5}{6} \times \frac{1}{2} \quad 6) (\frac{5}{10} - \frac{2}{3} + \frac{1}{5}) + \frac{5}{10} \div \frac{2}{9} \div \frac{5}{7} - \frac{1}{2}$$

$$\frac{3}{8} - \frac{3}{4} \times \frac{1}{2} \quad -\frac{5}{30} + \frac{1}{5}$$

$$\frac{3}{8} - \frac{3}{8} \quad \frac{1}{30}$$

$$\frac{0}{8} \quad \frac{1}{30} + \frac{9}{4} \div \frac{5}{7} - \frac{1}{2}$$

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

$$\frac{161}{60}$$

$$7) \frac{1}{5} \div \frac{5}{9} + \frac{4}{5} - \frac{1}{2} \quad 8) \frac{1}{2} \times \frac{1}{8} + \frac{3}{4} \div \frac{1}{3}$$

$$\frac{9}{25} + \frac{4}{5} - \frac{1}{2} \quad \frac{1}{16} + \frac{3}{4} \div \frac{1}{3}$$

$$\frac{29}{25} - \frac{1}{2} \quad \frac{1}{16} + \frac{9}{4}$$

$$\frac{33}{50} \quad \frac{37}{16}$$

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. $\frac{37}{16}$