Name:

Solve each problem.

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

2) $\frac{1}{4} \times \frac{8}{10} \times (\frac{2}{3} \times \frac{3}{6} - \frac{2}{3}) =$

1. _____

2. _____

3. _____

4. _____

5. _____

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

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

6. _____

7. _____

8. _____

5) $\frac{5}{9} \times (\frac{3}{5} \times \frac{8}{9}) - \frac{2}{5} =$

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

7) $\frac{2}{5} \times \frac{2}{5} + \frac{4}{8} =$

8) $\frac{2}{8} + \frac{6}{8} \times \frac{8}{9} =$

Math

Name:

Solve each problem.

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

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

$\frac{1}{40}$

$\frac{37}{120} + \frac{1}{2}$

$\frac{97}{120}$

2) $\frac{1}{4} \times \frac{8}{10} \times (\frac{2}{3} \times \frac{3}{6} - \frac{2}{3}) =$

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

$-\frac{1}{3}$

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

$-\frac{1}{15}$

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

$\frac{2}{9} - \frac{1}{3} \div \frac{3}{10} + \frac{2}{10}$

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

$-\frac{8}{9} + \frac{2}{10}$

$-\frac{62}{90}$

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

$\frac{3}{5} + \frac{8}{35}$

$\frac{29}{35}$

$-\frac{17}{105} - \frac{4}{6}$

$-\frac{174}{210}$

5) $\frac{5}{9} \times (\frac{3}{5} \times \frac{8}{9}) - \frac{2}{5} =$

$\frac{8}{15}$

$\frac{8}{27} - \frac{2}{5}$

$-\frac{14}{135}$

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

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

$\frac{1}{3} - \frac{5}{7} + \frac{9}{20}$

$-\frac{8}{21} + \frac{9}{20}$

$\frac{29}{420}$

7) $\frac{2}{5} \times \frac{2}{5} + \frac{4}{8} =$

$\frac{4}{25} + \frac{4}{8}$

$\frac{132}{200}$

8) $\frac{2}{8} + \frac{6}{8} \times \frac{8}{9} =$

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

$\frac{22}{24}$

Answers

1. $\frac{97}{120}$

2. $-\frac{1}{15}$

3. $-\frac{62}{90}$

4. $-\frac{174}{210}$

5. $-\frac{14}{135}$

6. $\frac{29}{420}$

7. $\frac{132}{200}$

8. $\frac{22}{24}$