

Pedmas with Fractions

Name:

Solve each problem.

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

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

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

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

5) $\frac{2}{7} + \frac{8}{10} - \frac{1}{2} - \frac{2}{3}$

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

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

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

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

10) $\frac{5}{8} + \frac{1}{9} \div \frac{2}{7}$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

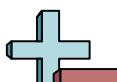
6. _____

7. _____

8. _____

9. _____

10. _____



Pedmas with Fractions

Name:

Answer Key

Solve each problem.

1) $(\frac{6}{10} \times \frac{1}{4} - \frac{4}{10}) + \frac{2}{3} - \frac{7}{8} - \frac{3}{4} \div \frac{1}{5}$
 $\frac{3}{20} - \frac{4}{10}$
 $\frac{5}{20}$
 $\frac{5}{20} + \frac{2}{3} - \frac{7}{8} - \frac{15}{4}$
 $\frac{25}{60} - \frac{7}{8} - \frac{15}{4}$
 $\frac{55}{120} - \frac{15}{4}$
 $\frac{505}{120}$
 $\frac{505}{120}$

3) $\frac{1}{4} \div \frac{2}{6} \times \frac{5}{7} + \frac{1}{2}$
 $\frac{3}{4} \times \frac{5}{7} + \frac{1}{2}$
 $\frac{15}{28} + \frac{1}{2}$
 $\frac{29}{28}$

5) $\frac{2}{7} + \frac{8}{10} - \frac{1}{2} - \frac{2}{3}$
 $\frac{76}{70} - \frac{1}{2} - \frac{2}{3}$
 $\frac{41}{70} - \frac{2}{3}$
 $\frac{17}{210}$

7) $\frac{5}{9} - \frac{1}{2} + \frac{1}{4}$
 $\frac{1}{18} + \frac{1}{4}$
 $\frac{11}{36}$

9) $\frac{2}{3} + \frac{1}{7} - \frac{6}{7}$
 $\frac{17}{21} - \frac{6}{7}$
 $\frac{1}{21}$

2) $\frac{1}{5} \div \frac{2}{3} + \frac{2}{3} - \frac{3}{6} \times \frac{2}{6}$
 $\frac{3}{10} + \frac{2}{3} - \frac{3}{6} \times \frac{2}{6}$
 $\frac{3}{10} + \frac{2}{3} - \frac{1}{6}$
 $\frac{29}{30} - \frac{1}{6}$
 $\frac{24}{30}$

4) $\frac{1}{3} + \frac{4}{5} \times \frac{6}{9}$
 $\frac{1}{3} + \frac{8}{15}$
 $\frac{13}{15}$

6) $\frac{7}{10} - \frac{5}{6} + \frac{3}{4} \div \frac{6}{9} \times \frac{3}{7}$
 $\frac{7}{10} - \frac{5}{6} + \frac{9}{8} \times \frac{3}{7}$
 $\frac{7}{10} - \frac{5}{6} + \frac{27}{56}$
 $\frac{4}{30} + \frac{27}{56}$
 $\frac{293}{840}$

8) $\frac{2}{5} - \frac{4}{5} \times \frac{4}{6}$
 $\frac{2}{5} - \frac{8}{15}$
 $\frac{2}{15}$

10) $\frac{5}{8} + \frac{1}{9} \div \frac{2}{7}$
 $\frac{5}{8} + \frac{7}{18}$
 $\frac{73}{72}$

Answers

- $\frac{505}{120}$ - $\frac{24}{30}$ - $\frac{29}{28}$ - $\frac{13}{15}$ - $\frac{17}{210}$ - $\frac{293}{840}$ - $\frac{11}{36}$ - $\frac{2}{15}$ - $\frac{1}{21}$ - $\frac{73}{72}$