

Simplifica estas fracciones:

$$\frac{32}{40} =$$

$$\frac{25}{175} =$$

$$\frac{28}{36} =$$

$$\frac{359}{833} =$$

$$\frac{54}{108} =$$

$$\frac{168}{264} =$$

$$\frac{114}{288} =$$

$$\frac{120}{144} =$$

$$\frac{548}{400} =$$

$$\frac{99}{165} =$$

$$\frac{306}{1452} =$$

$$\frac{162}{189} =$$

$$\frac{260}{286} =$$

$$\frac{72}{324} =$$

Reduce a común denominador (M.C.M.)

$$\bullet \frac{2}{3}, \frac{7}{12}, \frac{5}{8} =$$

$$\bullet \frac{3}{5}, \frac{11}{20}, \frac{7}{15} =$$

$$\bullet \frac{2}{3}, \frac{3}{4}, \frac{5}{6} =$$

$$\bullet \frac{3}{16}, \frac{5}{10}, \frac{7}{12} =$$

$$\bullet \frac{6}{24} \cdot \frac{11}{72} \cdot \frac{8}{36} =$$

$$\bullet \frac{9}{22}, \frac{8}{24}, \frac{4}{44} =$$

$$\bullet \frac{3}{4}, \frac{1}{8}, \frac{5}{12} =$$

$$\bullet \frac{7}{18}, \frac{5}{12}, \frac{11}{24} =$$

$$\bullet \frac{7}{12}, \frac{9}{24}, \frac{5}{30} =$$

$$\bullet \frac{7}{7}, \frac{9}{14}, \frac{5}{21} =$$

$$\bullet \frac{13}{16}, \frac{18}{44}, \frac{14}{36} =$$

$$\bullet \frac{10}{25}, \frac{5}{15}, \frac{6}{75} =$$

- Halla los productos:

$$a) \frac{8}{12} \cdot \frac{10}{4} =$$

$$f) \frac{73}{12} \cdot \frac{31}{10} \cdot \frac{5}{8} =$$

$$b) \frac{15}{27} \cdot \frac{9}{3} =$$

$$g) 5 \cdot \frac{6}{9} \cdot \frac{9}{10} =$$

$$c) \frac{32}{25} \cdot \frac{5}{20} =$$

$$h) \frac{1}{3} \cdot 5 \cdot \frac{4}{5} =$$

$$d) \frac{12}{32} \cdot \frac{8}{3} =$$

$$i) \frac{5}{3} \cdot \frac{4}{5} \cdot \frac{1}{4} =$$

$$e) \frac{2}{5} \cdot \frac{8}{10} \cdot \frac{5}{9} =$$

$$j) \frac{2}{9} \cdot \frac{10}{12} \cdot \frac{4}{5} =$$

- Halla las divisiones:

$$a) \frac{8}{16} \div \frac{10}{4} =$$

$$b) \frac{15}{25} \div \frac{9}{7} =$$

$$c) \frac{32}{25} \div \frac{5}{20} =$$

$$d) \frac{12}{36} \div \frac{8}{9} =$$

$$e) \frac{2}{5} \div \frac{8}{10} \div \frac{5}{9} =$$

$$f) \frac{73}{12} \div \frac{31}{10} \div \frac{5}{8} =$$

$$g) 5 \div \frac{6}{9} \div \frac{2}{10} =$$

$$h) \frac{1}{3} \div 5 \div \frac{4}{5} =$$

Realiza las operaciones combinadas.

$$a) (3\frac{1}{4} \div \frac{4}{5}) + (\frac{5}{9} - \frac{1}{2}) - (4 \cdot \frac{1}{16}) =$$

$$b) (\frac{4}{5} + \frac{3}{10}) \cdot (\frac{2}{3} + 3) - (\frac{4}{9} \cdot \frac{1}{2} \cdot \frac{1}{2}) =$$

$$c) (\frac{2}{5} \div \frac{8}{5}) \cdot (\frac{2}{3} + 3) - \frac{5}{8} =$$

$$d) (\frac{4}{3} + \frac{7}{4}) \cdot (\frac{5}{8} \div \frac{2}{5}) \cdot (\frac{3}{4} - \frac{3}{8}) =$$

$$e) (\frac{7}{4} \cdot \frac{5}{8}) + (\frac{4}{9} \div \frac{8}{7}) - (\frac{1}{5} \cdot 4 \cdot \frac{7}{16}) =$$

$$f)(3\frac{1}{5}-2\frac{1}{3})-(\frac{2}{15}\cdot\frac{1}{6}\cdot\frac{3}{5})+(\frac{2}{5}\div\frac{45}{4})=$$

$$g)(\frac{6}{12}+\frac{2}{4}-\frac{1}{8})\div\frac{1}{2}-(\frac{3}{4}\cdot\frac{1}{5}-\frac{1}{6})=$$

$$h)(\frac{13}{5}+\frac{1}{2})\cdot\frac{3}{4}-(\frac{1}{15}+\frac{7}{5})\div\frac{2}{3}=$$

$$i)\frac{6}{2}\div(\frac{1}{4}-\frac{1}{6})\cdot\frac{3}{5}-(\frac{2}{6}+3\frac{1}{4})=$$

$$j)(\frac{5}{9}\div\frac{5}{3})+(\frac{2}{16}-\frac{1}{4}+\frac{7}{8})+(\frac{1}{2}\div\frac{8}{10})=$$

$$k)(\frac{4}{3}+\frac{7}{4})\cdot(\frac{5}{8}\div\frac{2}{5})\cdot(\frac{13}{9}-\frac{4}{6})=$$