Simplifica estas fracciones:

$\frac{32}{40} =$

$\frac{120}{144} =$

$\frac{25}{175} =$

$\frac{548}{400} =$

$\frac{28}{36} =$

$\frac{99}{165} =$

$\frac{359}{833} =$

$\frac{306}{1452} =$

$\frac{54}{108} =$

$\frac{162}{189} =$

$\frac{168}{264} =$

$\frac{260}{286} =$

$\frac{114}{288} =$

$\frac{72}{324} =$

Reduce a común denominador (M.C.M.)

- $\frac{2}{3}, \frac{7}{12}, \frac{5}{8} =$
- $\frac{3}{5}, \frac{11}{20}, \frac{7}{15} =$
- $\frac{2}{3}, \frac{3}{4}, \frac{5}{6} =$
- $\frac{3}{16}, \frac{5}{10}, \frac{7}{12} =$
- $\frac{6}{24} \iota \frac{11}{72} \iota \frac{8}{36} =$
- $\frac{9}{22}, \frac{8}{24}, \frac{4}{44} =$
- $\frac{3}{4}, \frac{1}{8}, \frac{5}{12} =$
- $\frac{7}{18}, \frac{5}{12}, \frac{11}{24} =$
- $\frac{7}{12}, \frac{9}{24}, \frac{5}{30} =$
- $\frac{7}{7}, \frac{9}{14}, \frac{5}{21} =$
- $\frac{13}{16}, \frac{18}{44}, \frac{14}{36} =$
- $\frac{10}{25}, \frac{5}{15}, \frac{6}{75} =$

- Halla los productos:

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

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

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

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

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

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

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

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

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

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.

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

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

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

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

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

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

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

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

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

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

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