IES
Santa Margalida

FITXA REPÀS SA3 - FRACCIONS I DECIMALS ESO 3A

1- Passa a forma decimal i indica quin tipus de decimal és:

a) $\frac{4}{3}$ =

b) $\frac{2}{5}$ =

c) $\frac{1}{50}$ =

d) $\frac{13}{11}$ =

e) $\frac{17}{60}$ =

f) $\frac{81}{250}$ =

g) $\frac{89}{50}$ =

h) $\frac{113}{12}$ =

2- Simplifica:

a) $\frac{3500}{4250}$ =

b) $\frac{114}{72}$ =

c) $\frac{248}{312}$ =

d) $\frac{520}{785}$ =

e) $\frac{2525}{4250}$ =

f) $\frac{128}{720}$ =

g) $\frac{348}{282}$ =

h) $\frac{430}{625}$ =

i) $\frac{15}{75}$ =

j) $\frac{18}{42}$ =

k) $\frac{93}{123}$ =

l) $\frac{78}{36}$ =

3- Redueix a denominador comú i ordena de menor a major aquestes fraccions:

$\frac{7}{18}$ $\frac{4}{6}$ $\frac{5}{4}$ $\frac{3}{9}$ $\frac{13}{12}$

4- Agrupa les fraccions que siguin equivalents. Ho has de fer simplificant i passant a decimal:

$\frac{21}{49}$ $\frac{14}{12}$ $\frac{3}{7}$ $\frac{7}{6}$ $\frac{125}{325}$ $\frac{25}{65}$

5- Calcula i simplifica si és possible.

a)

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

b)

$$\frac{3}{10} : \frac{1}{6} =$$

c)

$$\frac{2}{3} \times \frac{1}{2} =$$

d)

$$\frac{3}{4} + \frac{2}{3} \cdot \frac{1}{4} =$$

e)

$$9 - 4 \cdot \left(\frac{4}{4} + \frac{6}{5} \right) =$$

f)

$$\left(\frac{3}{4} + \frac{2}{3} \right) \cdot \frac{1}{4} =$$

g)

$$\frac{2}{5} + \left(1 - \frac{3}{5} \right) : \frac{2}{4} =$$

h)

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

i)

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

j)

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

k)

$$\frac{3}{4} \cdot \left(\frac{2}{3} + \frac{5}{3} \cdot \frac{2}{5} \right)$$

l)

$$3 + 4 : \left(5 + \frac{1}{3} \cdot \frac{-2}{5} \right)$$