

FITXA: Operacions amb fraccions 1

1.- Calcula: utilitza un paper a part

$$\frac{5}{6} \text{ de } 558 =$$

$$\frac{3}{8} \text{ de } 200 =$$

$$\frac{2}{6} \text{ de } 468 =$$

$$\frac{3}{9} \text{ de } 603 =$$

2.- Calcula utilitzant el mètode papallona. No simplifiquis.

$$\frac{2}{3} + \frac{1}{5} = \underline{\hspace{2cm}}$$

$$\frac{4}{5} - \frac{2}{7} = \underline{\hspace{2cm}}$$

$$\frac{7}{9} + \frac{6}{5} = \underline{\hspace{2cm}}$$

$$\frac{4}{3} - \frac{1}{9} = \underline{\hspace{2cm}}$$

$$\frac{3}{8} + \frac{2}{4} = \underline{\hspace{2cm}}$$

$$\frac{7}{8} - \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{2}{3} + \frac{3}{7} = \underline{\hspace{2cm}}$$

$$\frac{6}{4} - \frac{3}{5} = \underline{\hspace{2cm}}$$

$$2 + \frac{3}{9} = \underline{\hspace{2cm}}$$

$$3 - \frac{4}{7} = \underline{\hspace{2cm}}$$

3.- Calcula utilitzant el mètode del m.c.m. No simplifiquis.

a) $\frac{1}{6} + \frac{2}{9} =$ _____

i) $\frac{2}{15} + \frac{4}{42} =$ _____

b) $\frac{2}{3} + \frac{4}{6} =$ _____

j) $\frac{7}{110} + \frac{3}{25} =$ _____

c) $\frac{9}{11} + \frac{1}{2} =$ _____

k) $\frac{13}{24} - \frac{1}{36} =$ _____

d) $\frac{3}{8} - \frac{1}{4} =$ _____

l) $\frac{12}{35} + \frac{3}{10} =$ _____

e) $\frac{2}{5} + \frac{3}{10} =$ _____

m) $\frac{9}{49} - \frac{2}{42} =$ _____

4.- Calcula: No simplifiquis.

$\frac{1}{6} \cdot \frac{4}{3} =$ _____

$\frac{3}{4} \cdot \frac{7}{12} =$ _____

$\frac{5}{4} \cdot \frac{10}{11} =$ _____

$\frac{1}{2} \cdot \frac{7}{12} =$ _____

$\frac{2}{7} \cdot \frac{5}{8} =$ _____

$\frac{3}{11} \cdot \frac{4}{9} =$ _____

$\frac{5}{9} \cdot \frac{3}{10} =$ _____

$\frac{2}{9} \cdot \frac{7}{15} =$ _____

4.- Calcula: No simplifiques.

$$\frac{1}{2} : \frac{1}{5} = \underline{\hspace{2cm}}$$

$$\frac{1}{5} : \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{2}{7} : \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\frac{3}{7} : \frac{5}{2} = \underline{\hspace{2cm}}$$

$$\frac{2}{11} : \frac{1}{5} = \underline{\hspace{2cm}}$$

$$\frac{7}{4} : \frac{5}{3} = \underline{\hspace{2cm}}$$

$$5 : \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{1}{2} : 5 = \underline{\hspace{2cm}}$$

$$\frac{3}{2} : 6 = \underline{\hspace{2cm}}$$

$$7 : \frac{14}{3} = \underline{\hspace{2cm}}$$

5.- Calcula: No simplifiques.

$$\text{a)} \frac{5}{4} - \left(\frac{1}{2} + \frac{3}{8} \right) = \underline{\hspace{2cm}}$$

$$\text{b)} \frac{3}{5} - \left(1 - \frac{7}{10} \right) = \underline{\hspace{2cm}}$$

$$\text{c)} \left(\frac{1}{2} + \frac{1}{3} \right) - \left(\frac{1}{2} - \frac{1}{3} \right) = \underline{\hspace{2cm}}$$

$$\text{d)} \left(1 - \frac{1}{5} \right) - \left(1 - \frac{2}{3} \right) = \underline{\hspace{2cm}}$$

$$\text{e)} \left(1 - \frac{1}{3} \right) - \left(\frac{1}{2} - \frac{1}{5} \right) = \underline{\hspace{2cm}}$$

$$\text{f)} \left(\frac{1}{2} + \frac{5}{6} \right) - \left(\frac{1}{4} + \frac{2}{3} \right) = \underline{\hspace{2cm}}$$

$$\text{g)} \left(\frac{3}{5} + \frac{1}{4} \right) - \left(\frac{3}{2} - \frac{7}{5} \right) = \underline{\hspace{2cm}}$$

$$\text{h)} \left(3 - \frac{5}{3} \right) - \left(2 - \frac{7}{5} \right) = \underline{\hspace{2cm}}$$