

CALCULOS COMBINADOS- PRÁCTICA- FICHA ON LINE

1)

Completa con **EDF** (expresión decimal finita) , **EDPP** (Expresión decimal Periodca Pura), **EDPM** (Expresión decimal Periodica Mixta) , según corresponda y Escribe la fracción que corresponde a cada expresión decimal, recuerda poner la fracción Irreducible.-

EDF	a. $0,12 = \frac{3}{25}$	f. $12,\overline{7} = \frac{\quad}{\quad}$
	b. $15,24 = \frac{\quad}{\quad}$	g. $9,1\overline{6} = \frac{\quad}{\quad}$
	c. $6,12 = \frac{\quad}{\quad}$	h. $3,2\overline{1} = \frac{\quad}{\quad}$
	d. $3,\overline{6} = \frac{\quad}{\quad}$	i. $11,\overline{4} = \frac{\quad}{\quad}$
	e. $8,\overline{3} = \frac{\quad}{\quad}$	j. $5,2\overline{3} = \frac{\quad}{\quad}$

Observa el siguiente ejemplo de Resolución de Cálculos y hacer las actividades siguientes.:

A Resolver!!

Separar en términos

Pasar a fracción y simplificar

$$\frac{9}{8} : \frac{27}{4} + \left(0,75 \cdot \frac{8}{5} - 0,3\right) =$$

$$\frac{1}{6} + \left(\frac{3}{4} \cdot \frac{8}{5} - \frac{3}{10}\right) =$$

$$\frac{1}{6} + \left(\frac{6}{5} - \frac{3}{10}\right) =$$

$$\frac{1}{6} + \frac{9}{10} = \frac{16}{15}$$

C.A

$0,75 = \frac{75}{100} = \frac{3}{4}$
 $0,3 = \frac{3}{10}$

$\frac{9}{8} : \frac{27}{4} = \frac{9}{8} \cdot \frac{4}{27} = \frac{1}{6}$
 $\frac{3}{4} \cdot \frac{8}{5} = \frac{6}{5}$

$\frac{6}{5} - \frac{3}{10} = \frac{12-3}{10} = \frac{9}{10}$
 $\frac{1}{6} + \frac{9}{10} = \frac{10+54}{60} = \frac{64}{60} = \frac{16}{15}$

- 2) Contestar en los casilleros la fracción correspondiente, tené en cuenta SIEMPRE, SIEMPRE PONER LA FRACCIÓN IRREDUCIBLE.-

a. $0,2 \cdot \left(3 + \frac{9}{5}\right) - 1,5 \cdot \frac{4}{5} =$

$$\begin{array}{c} \boxed{} \cdot \boxed{} - \boxed{} \cdot \boxed{} = \\ \boxed{} - \boxed{} = - \boxed{} \end{array}$$

b. $\left(\frac{5}{3} + 2,6\right) \cdot \frac{2}{13} - 0,3 + \frac{5}{6} =$

$$\begin{array}{c} (\boxed{} + \boxed{}) \cdot \boxed{} - \boxed{} + \boxed{} = \\ \boxed{} \cdot \boxed{} - \boxed{} + \boxed{} = \\ \boxed{} - \boxed{} + \boxed{} = \boxed{} \end{array}$$

e. $7,2 \cdot 3,3 - \left(\frac{23}{3} + \frac{7}{2} : 0,3\right) =$

$$\begin{array}{c} \boxed{} \cdot \boxed{} - \left(\boxed{} + \boxed{} : \boxed{}\right) = \\ \boxed{} - \left(\boxed{} + \boxed{}\right) = \\ \boxed{} - \boxed{} = \boxed{} \end{array}$$

f. $-3 \cdot \left(1,3 - \frac{7}{3}\right) - \frac{9}{5} \cdot \left(0,3 - \frac{5}{3}\right) =$

$$\begin{array}{c} - \boxed{} \cdot (\boxed{} - \boxed{}) - \boxed{} \cdot (\boxed{} - \boxed{}) = \\ - \boxed{} \cdot (\boxed{} - \boxed{}) - \boxed{} \cdot (\boxed{} - \boxed{}) = \\ \boxed{} + \boxed{} = \boxed{} \end{array}$$

c. $0,04 \cdot \frac{15}{2} + 2,1 \cdot \left(\frac{3}{19} - 1\right) =$

$$\begin{array}{c} \boxed{} \cdot \boxed{} + \boxed{} \cdot \left(\boxed{} - \boxed{}\right) = \\ \boxed{} - \boxed{} = - \boxed{} \end{array}$$

d. $0,83 \cdot \frac{2}{15} \cdot \left(2 + \frac{1}{3} : 1,6 + 1\right) =$

$$\begin{array}{c} \boxed{} \cdot \boxed{} \cdot \left(\boxed{} + \boxed{} : \boxed{} + \boxed{}\right) = \\ \boxed{} \cdot \boxed{} \cdot \left(\boxed{} + \boxed{} + \boxed{}\right) = \\ \boxed{} \cdot \boxed{} \cdot \boxed{} = \boxed{} \end{array}$$

g. $2 \cdot \left(3 + \frac{1}{5}\right) - \left(0,32 : 0,02 \cdot \frac{1}{56} + 3\right) =$

$$\begin{array}{c} \boxed{} \cdot \boxed{} - \left(\boxed{} : \boxed{} \cdot \boxed{} + 3\right) = \\ \boxed{} - \left(\boxed{} + \boxed{}\right) = \\ \boxed{} - \boxed{} = \boxed{} \end{array}$$

h. $\left\{ \left[-\left(\overbrace{1,5 + 0,3}^{\text{yellow}} : \overbrace{\frac{1}{2}}^{\text{green}} \right) + \overbrace{\frac{23}{12} : 0,3}^{\text{purple}} \right] : 0,25 \right\} \cdot \frac{2}{43} =$

$\left\{ \left[-\left(\boxed{\text{yellow}} + \boxed{\text{green}} : \boxed{\text{green}} \right) + \boxed{\text{purple}} : \boxed{\text{purple}} \right] : \boxed{\text{purple}} \right\} \cdot \boxed{\text{purple}} =$

$\left\{ \left[-\left(\boxed{\text{yellow}} + \boxed{\text{green}} \right) : \boxed{\text{green}} \right] + \boxed{\text{purple}} : \boxed{\text{purple}} \right\} \cdot \boxed{\text{purple}} =$

$\left\{ \left[-\left(\boxed{\text{purple}} \right) : \boxed{\text{purple}} \right] + \boxed{\text{purple}} : \boxed{\text{purple}} \right\} \cdot \boxed{\text{purple}} =$

$\left\{ \left[-\boxed{\text{purple}} : \boxed{\text{purple}} \right] + \boxed{\text{purple}} : \boxed{\text{purple}} \right\} \cdot \boxed{\text{purple}} =$

$\left\{ \boxed{\text{purple}} : \boxed{\text{purple}} \right\} \cdot \boxed{\text{purple}} =$

$\boxed{\text{purple}} : \boxed{\text{purple}} = \boxed{\text{orange}}$