



ESTUDIANTE: _____ FECHA: 03/08/2021

ASIGNATURA: MATEMATICAS

GRADO: TERCERO

SUMA Y RESTA DE FRACCIONES HOMOGÉNEAS

A limpiar se ha dicho!

Ayer Camila limpió $\frac{3}{8}$ de su cuarto y hoy $\frac{4}{8}$.



¿Qué parte le falta limpiar?

-En ambos días limpió:

$$\frac{3}{8} + \frac{4}{8} = \frac{7}{8}$$

$$1 = \frac{8}{8}$$

Todo su cuarto representa:

-Le faltaría:

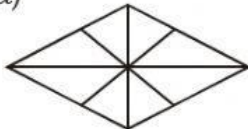
$$\frac{8}{8} - \frac{7}{8} = \frac{1}{8}$$

-Le falta limpiar _____ de su cuarto.

Ahora hazlo tú:

1. Colorea con diferentes colores cada fracción y completa la fracción que falta para que la operación sea correcta.

a)



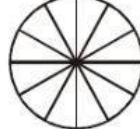
$$\frac{5}{8} + \frac{3}{8} = \frac{\quad}{\quad}$$

b)



$$\frac{1}{4} + \frac{\quad}{\quad} = \frac{3}{4}$$

c)



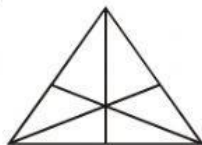
$$\frac{\quad}{\quad} + \frac{5}{12} = \frac{9}{12}$$

d)



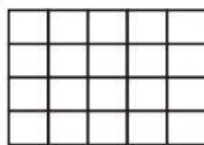
$$\frac{2}{6} + \frac{\quad}{\quad} = \frac{6}{6}$$

e)



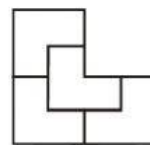
$$\frac{\quad}{\quad} + \frac{2}{6} = \frac{5}{6}$$

f)



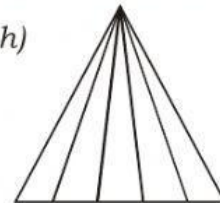
$$\frac{5}{20} + \frac{\quad}{\quad} = \frac{12}{20}$$

g)



$$\frac{\quad}{\quad} + \frac{1}{4} = \frac{3}{4}$$

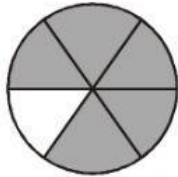
h)



$$\frac{3}{5} + \frac{\quad}{\quad} = \frac{5}{5}$$

2. Resuelve los siguientes problemas:

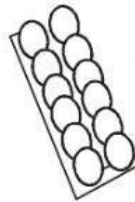
a) Había $\frac{5}{6}$ de una riquísima pizza.
Si comimos $\frac{3}{6}$ ¿Qué parte queda?



$$\frac{5}{6} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Queda: — de la pizza.

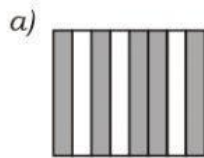
b) De 12 huevos que había, Rosita utilizó 4. ¿Qué fracción queda?



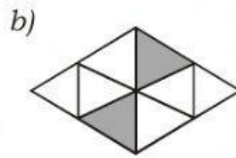
$$\frac{12}{12} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Queda: — de los huevos.

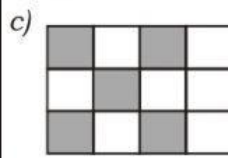
3. En cada figura halla la parte que falta colorear.



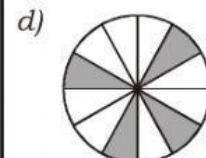
$$\frac{8}{8} - \frac{5}{8} = \frac{3}{8}$$



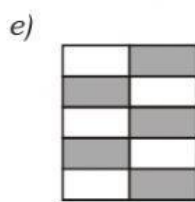
$$\frac{\quad}{\quad} - \frac{2}{8} = \frac{6}{8}$$



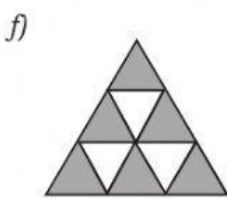
$$\frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



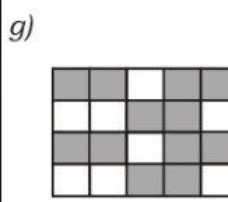
$$\frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



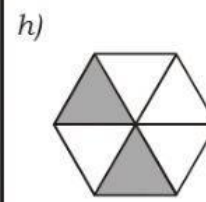
$$\frac{10}{10} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



$$\frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



$$\frac{20}{20} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



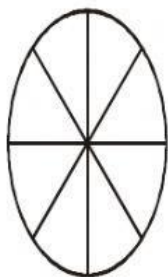
$$\frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



Retos para el hogar

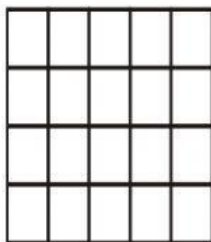
1. Completa la fracción que falta para que la operación sea correcta, luego colorea la fracción representada.

a)



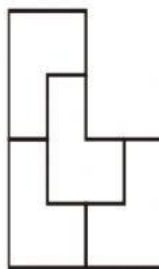
$$\frac{5}{8} + \frac{\quad}{\quad} = \frac{6}{8}$$

b)



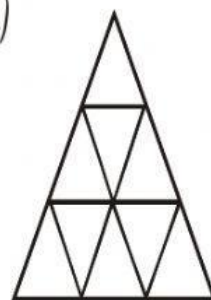
$$\frac{\quad}{\quad} + \frac{8}{20} = \frac{12}{20}$$

c)



$$\frac{3}{4} + \frac{\quad}{\quad} = \frac{4}{4}$$

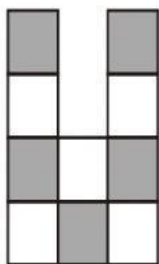
d)



$$\frac{\quad}{\quad} + \frac{4}{9} = \frac{8}{9}$$

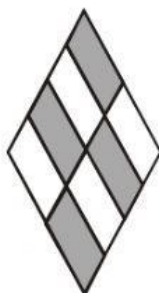
2. ¿Qué parte del gráfico falta sombrear?

a)



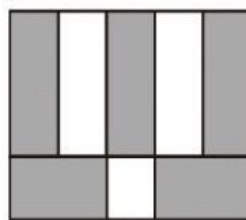
$$\frac{10}{10} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

b)



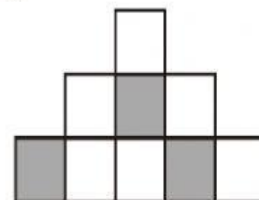
$$\frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

c)



$$\frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

d)

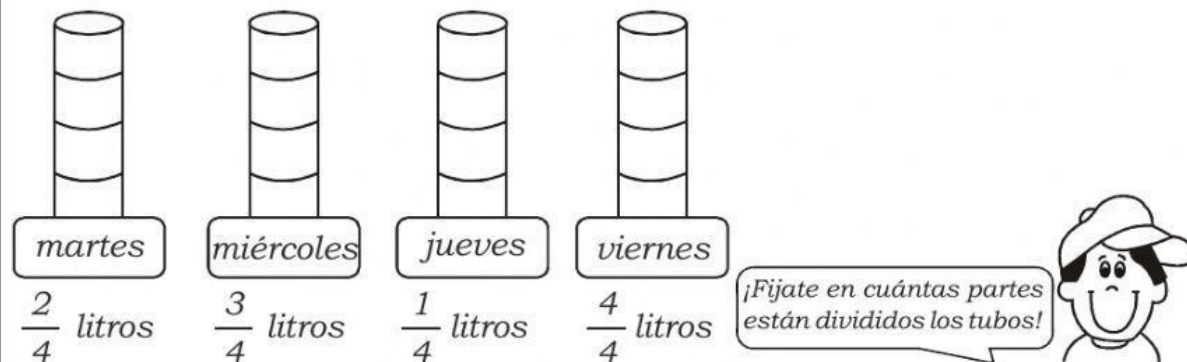


$$\frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



¿Cuánto aprendí?

* Colorea en cada tubo los litros de leche que tomó Luis.



¡Ahora lee y contesta!

1. ¿Qué día tomó más leche?
¿Cuánto?

2. ¿Qué día tomó menos leche?
¿Cuánto?

3. ¿Cuántos litros de leche toma Luis
Entre martes, jueves y viernes?

$$\boxed{} \bigcirc \boxed{} \bigcirc \boxed{} = \boxed{}$$

Toma ____ litros de leche

4. ¿Cuántos litros más de leche toma
Luis el viernes que el miércoles?

$$\boxed{} \bigcirc \boxed{} = \boxed{}$$

Toma ____ litros más de leche.