

# ACTIVIDADES CON FRACCIONES

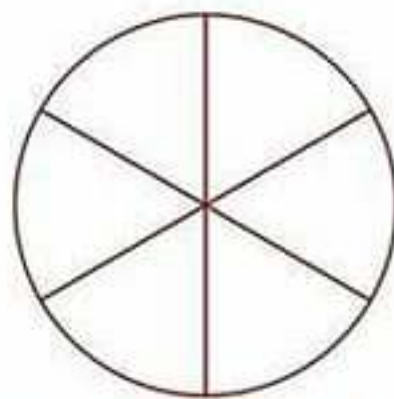
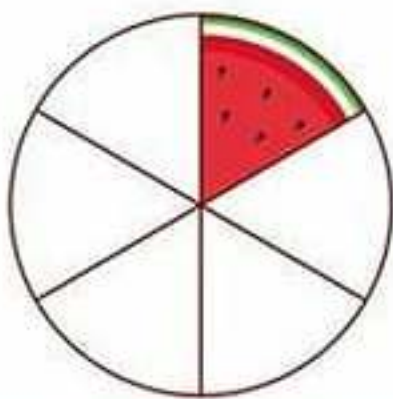
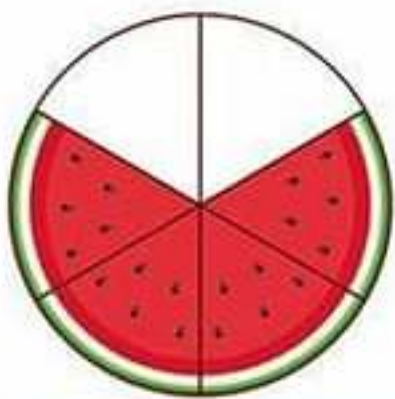


|                      |                      |                      |                         |                         |                         |
|----------------------|----------------------|----------------------|-------------------------|-------------------------|-------------------------|
|                      |                      |                      |                         |                         |                         |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | a) <input type="text"/> | b) <input type="text"/> | c) <input type="text"/> |
|                      |                      |                      |                         |                         |                         |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | d) <input type="text"/> | e) <input type="text"/> | f) <input type="text"/> |

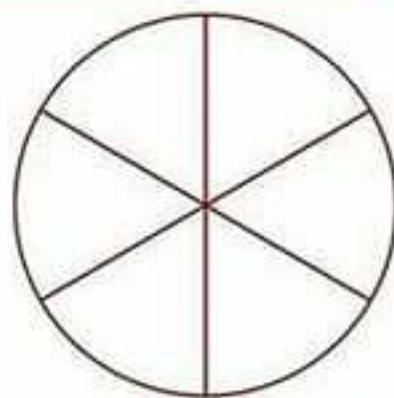
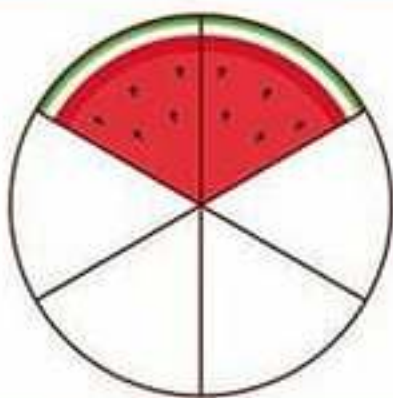
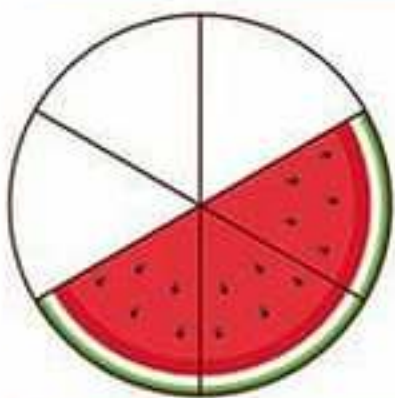
|  |   |  |   |  |               |  |   |
|--|---|--|---|--|---------------|--|---|
|  | — |  | — |  | $\frac{2}{7}$ |  | — |
|  | — |  | — |  | —             |  | — |
|  | — |  | — |  | —             |  | — |

TOMO II

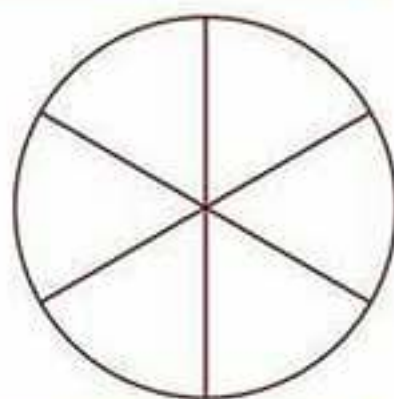
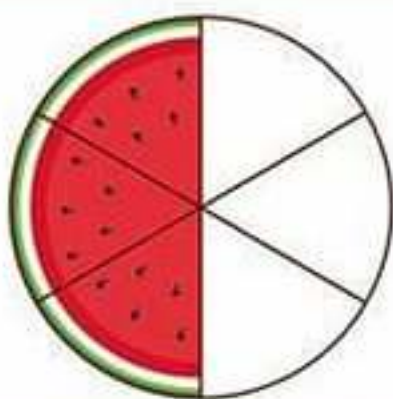
# Fracciones de sandia



$$\frac{4}{6} + \frac{1}{6} =$$

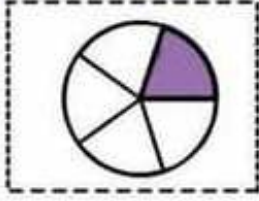
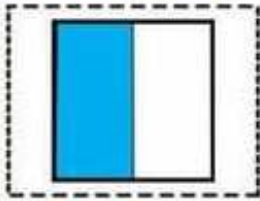


$$\frac{3}{6} + \frac{2}{6} =$$



$$\frac{1}{6} + \frac{3}{6} =$$

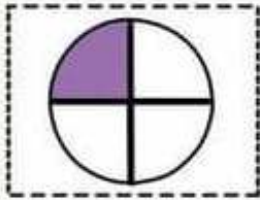
Recorta y juega.



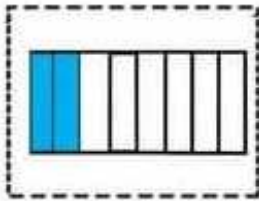
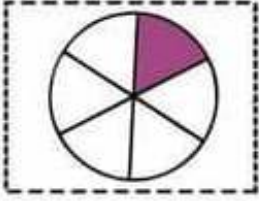
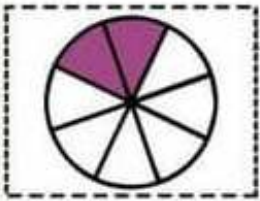
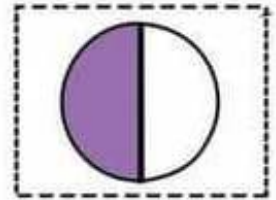
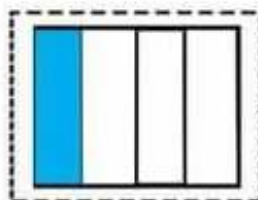
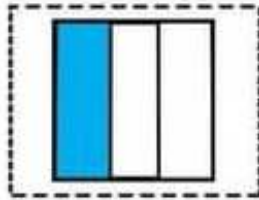
Un quinto



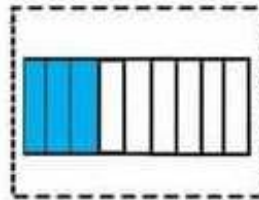
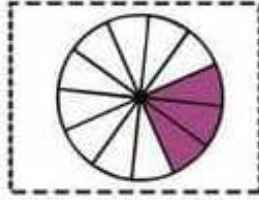
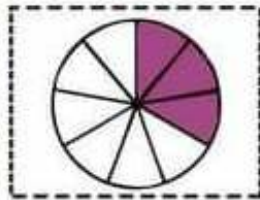
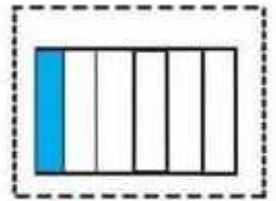
Un tercio



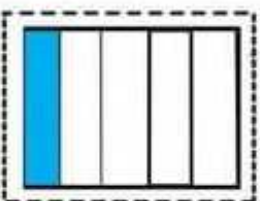
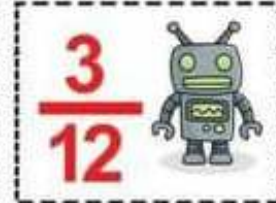
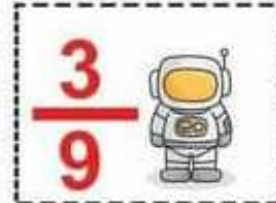
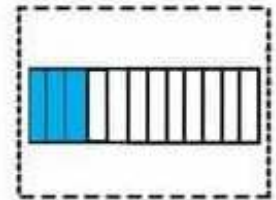
Un cuarto



Un sexto



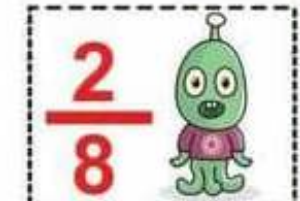
Tres novenos



Un medio

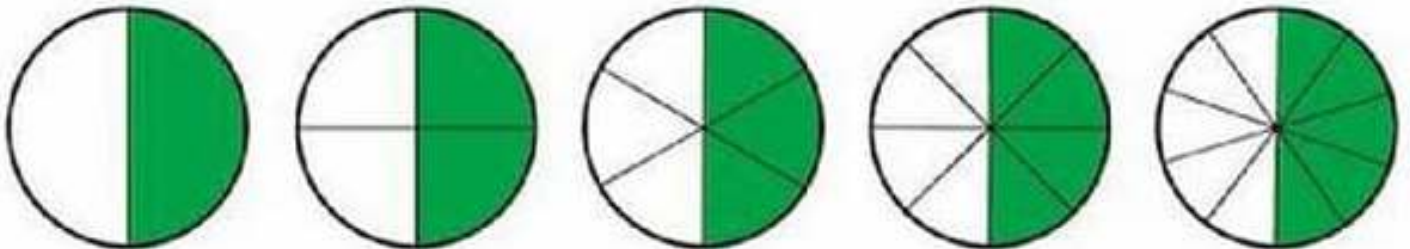
Dos octavos

Tres doceavos

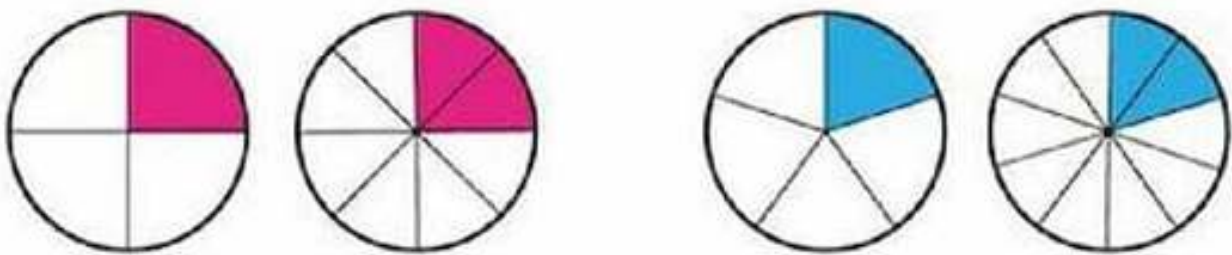


# FRACCIONES EQUIVALENTES

1. Mira atentamente y completa las siguientes fracciones equivalentes según corresponda.



$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{\quad}{8} = \frac{\quad}{10}$$



$$\frac{\quad}{4} = \frac{\quad}{8} \qquad \frac{\quad}{5} = \frac{\quad}{10}$$

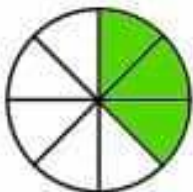
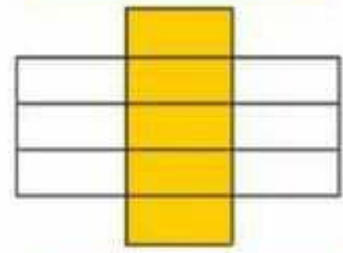
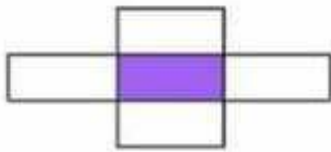
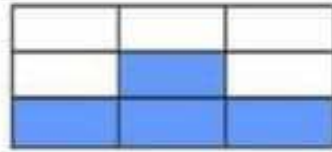


$$\frac{\quad}{3} = \frac{\quad}{6} = \frac{\quad}{9}$$



$$\frac{\quad}{3} = \frac{\quad}{6} = \frac{\quad}{9}$$

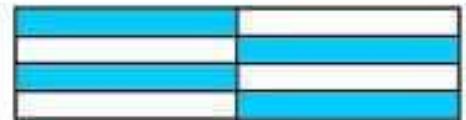
# Fracciones



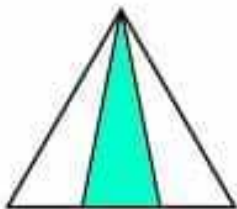
a)



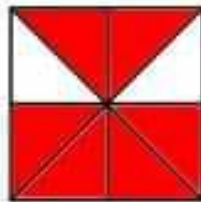
b)



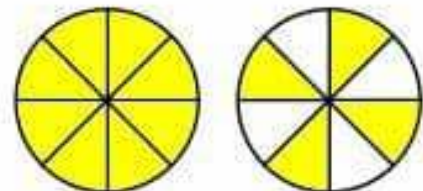
c)



d)



e)

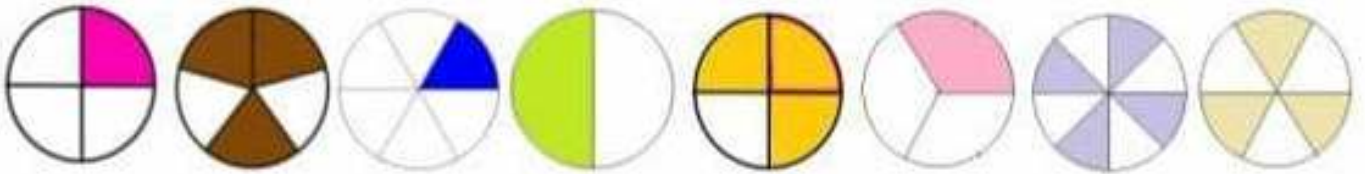


f)

*Ejercicios  
Educativos*

## CONOCIENDO Y ORDENANDO FRACCIONES

❖ Une con una línea cada imagen con la fracción que representa.



$$\frac{1}{6}$$

$$\frac{3}{4}$$

$$\frac{1}{4}$$

$$\frac{3}{5}$$

$$\frac{3}{6}$$

$$\frac{1}{2}$$

$$\frac{1}{3}$$

$$\frac{4}{8}$$

❖ Considerando que los dibujos anteriores fueran pasteles y sus partes sombreadas las rebanadas, contesta lo siguiente:

¿Cuál fracción representa la mayor cantidad de pastel?

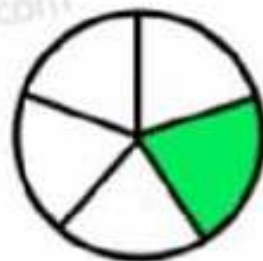
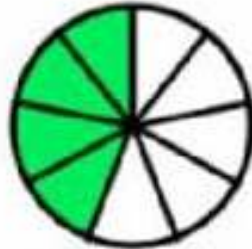
¿Cuál de todas las fracciones representa la cantidad más pequeña de pastel?

❖ Tres de las fracciones anteriores son equivalentes, es decir, representan una cantidad igual.

¿Cuáles son esas fracciones?

# FRACCIONES

Vamos a escribir la fracción que representa.



# Repaso fracciones básicas

1.



$\frac{1}{2}$

$\frac{3}{2}$

$\frac{2}{3}$

$\frac{1}{3}$

2.



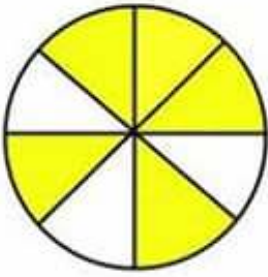
$\frac{1}{3}$

$\frac{3}{4}$

$\frac{1}{2}$

$\frac{2}{3}$

3.



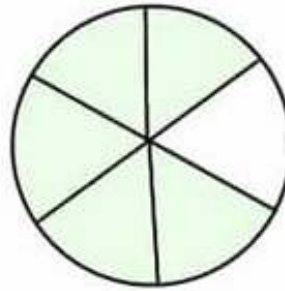
$\frac{3}{8}$

$\frac{5}{8}$

$\frac{3}{4}$

$\frac{2}{7}$

4.



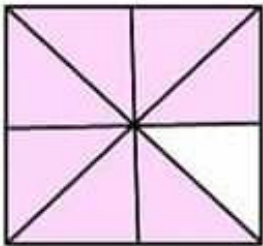
$\frac{6}{5}$

$\frac{3}{6}$

$\frac{2}{5}$

$\frac{5}{6}$

5.



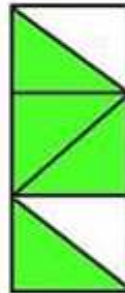
$\frac{3}{8}$

$\frac{6}{8}$

$\frac{7}{8}$

$\frac{8}{7}$

6.



$\frac{4}{6}$

$\frac{5}{6}$

$\frac{6}{5}$

$\frac{2}{6}$

7.



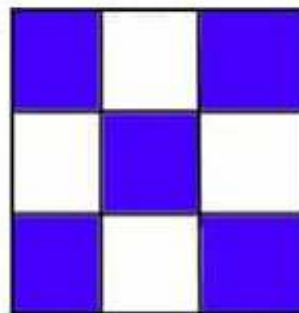
$\frac{11}{12}$

$\frac{7}{12}$

$\frac{7}{11}$

$\frac{8}{12}$

8.



$\frac{5}{9}$

$\frac{7}{9}$

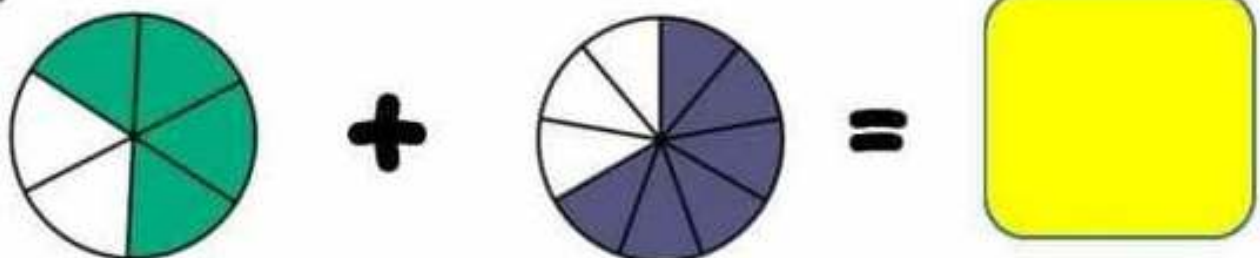
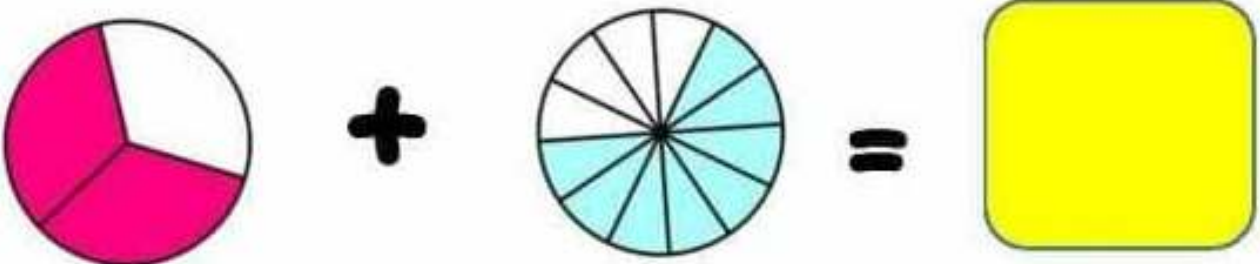
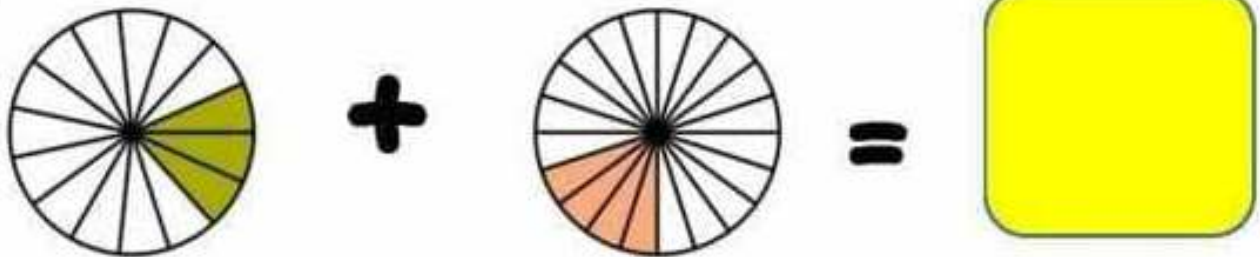
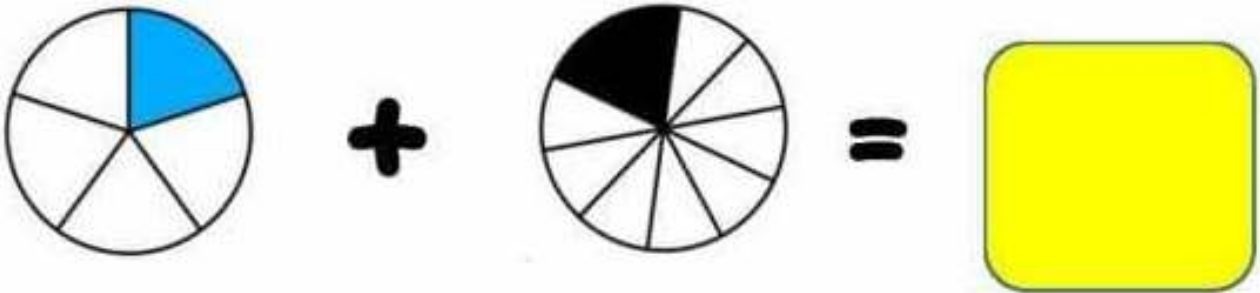
$\frac{6}{9}$

$\frac{9}{6}$



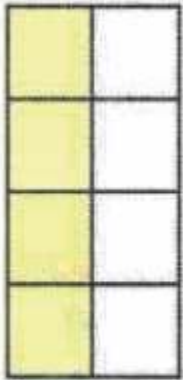
# SUMA Y RESTA

Observa y suma las fracciones que se te presentan.  
En el rectángulo escribe con número el resultado.

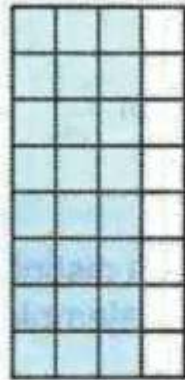


# Sumas y restas 1

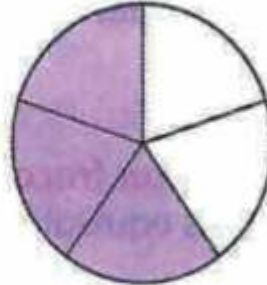
Escribe  $<$ ,  $>$  o  $=$  según corresponde.



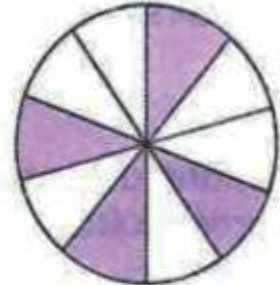
$$\frac{4}{8}$$



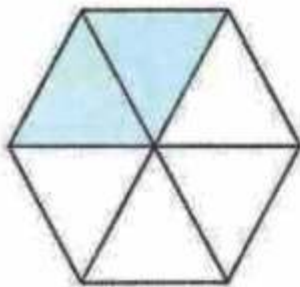
$$\frac{24}{32}$$



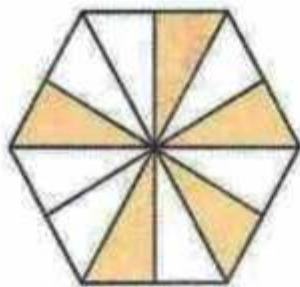
$$\frac{3}{5}$$



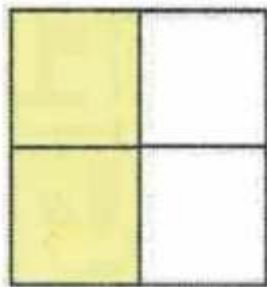
$$\frac{4}{10}$$



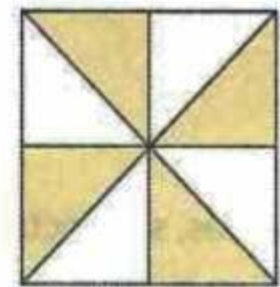
$$\frac{2}{6}$$



$$\frac{5}{12}$$



$$\frac{2}{4}$$



$$\frac{4}{8}$$

Resuelve.

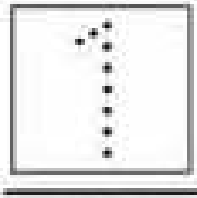
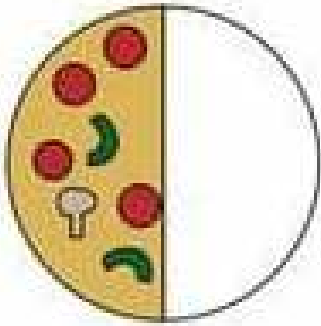
María tiene tres barras de cereal y las repartirá entre sus cuatro primos. Si cada barra la partió en cuatro partes, ¿qué fracción de barra le toca a cada uno?



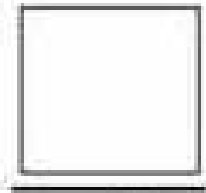
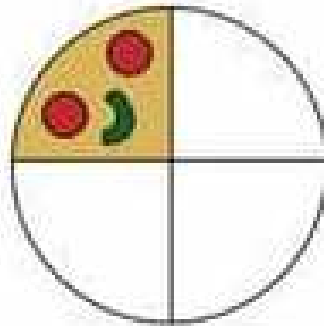
► Traza las divisiones en las barras y señala las partes que le corresponden a cada quien.



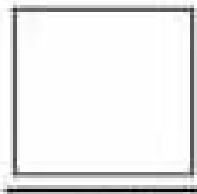
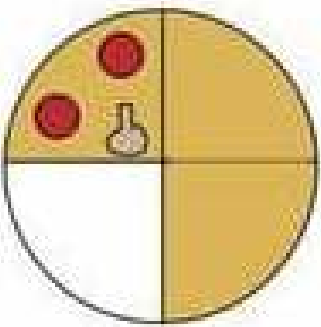
# Fracciones de pizza



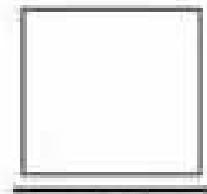
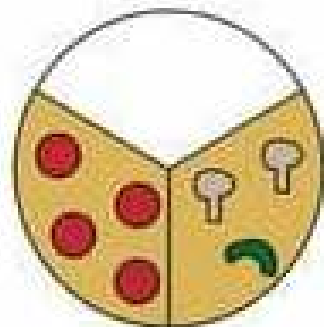
2



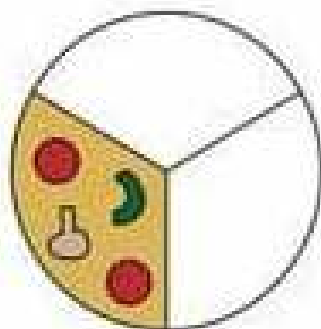
4



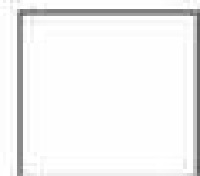
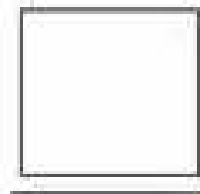
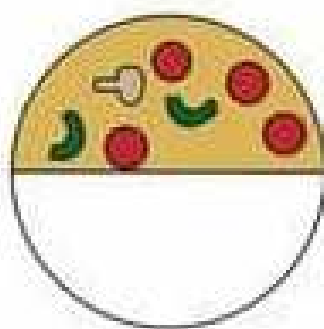
4

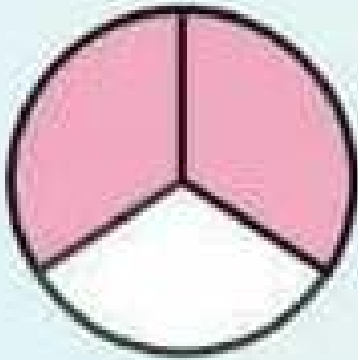


3

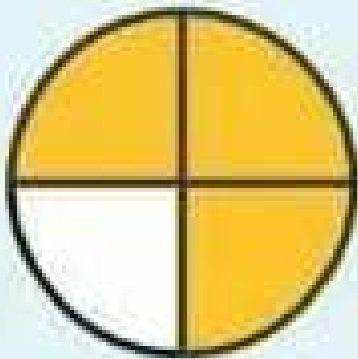


3

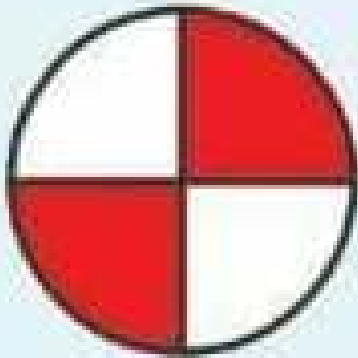




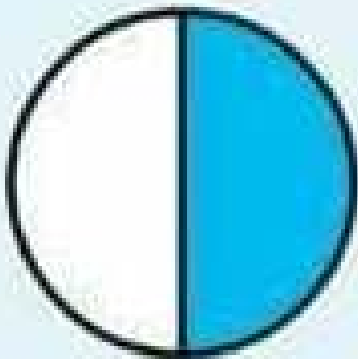
$$\frac{1}{2}$$



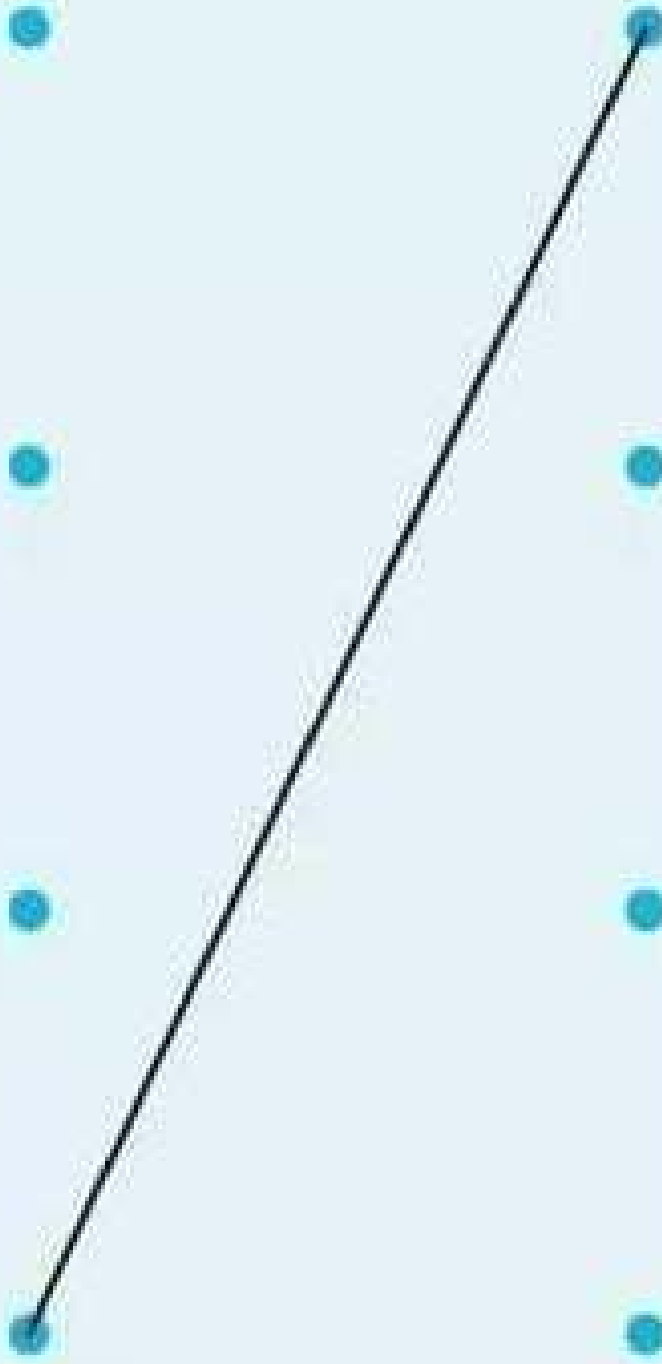
$$\frac{2}{4}$$



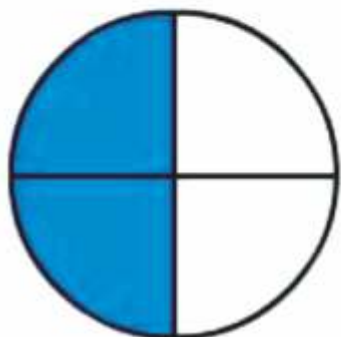
$$\frac{2}{3}$$



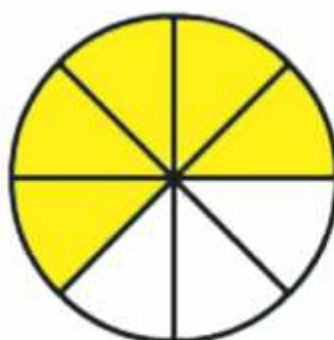
$$\frac{3}{4}$$



¿Qué fracción muestra la parte coloreada?



$$\frac{2}{4}$$



Encierra en un círculo la fracción correcta de las opciones dadas.

1.

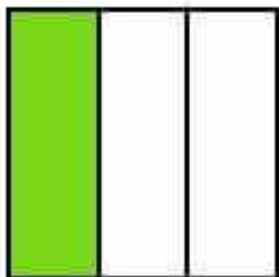


$$\frac{3}{6}$$

$$\frac{3}{5}$$

$$\frac{4}{8}$$

2.

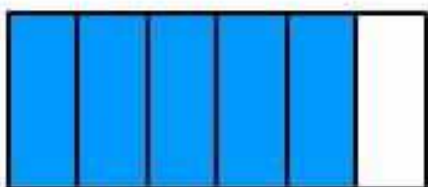


$$\frac{4}{5}$$

$$\frac{1}{3}$$

$$\frac{3}{4}$$

3.

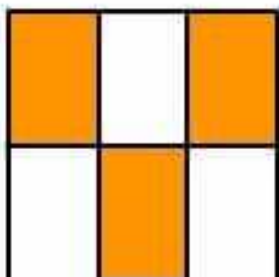


$$\frac{5}{6}$$

$$\frac{3}{7}$$

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

4.



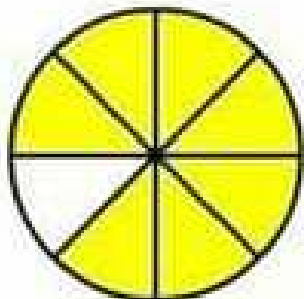
$$\frac{2}{7}$$

$$\frac{4}{8}$$

$$\frac{3}{6}$$

Encierra en un círculo la fracción correcta de las opciones dadas.

1.

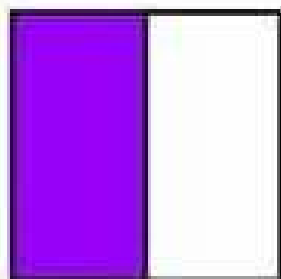


$$\frac{7}{8}$$

$$\frac{5}{7}$$

$$\frac{6}{8}$$

2.

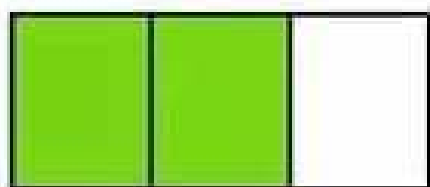


$$\frac{1}{2}$$

$$\frac{4}{6}$$

$$\frac{2}{3}$$

3.

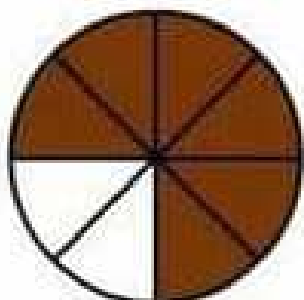


$$\frac{3}{4}$$

$$\frac{2}{3}$$

$$\frac{3}{6}$$

4.

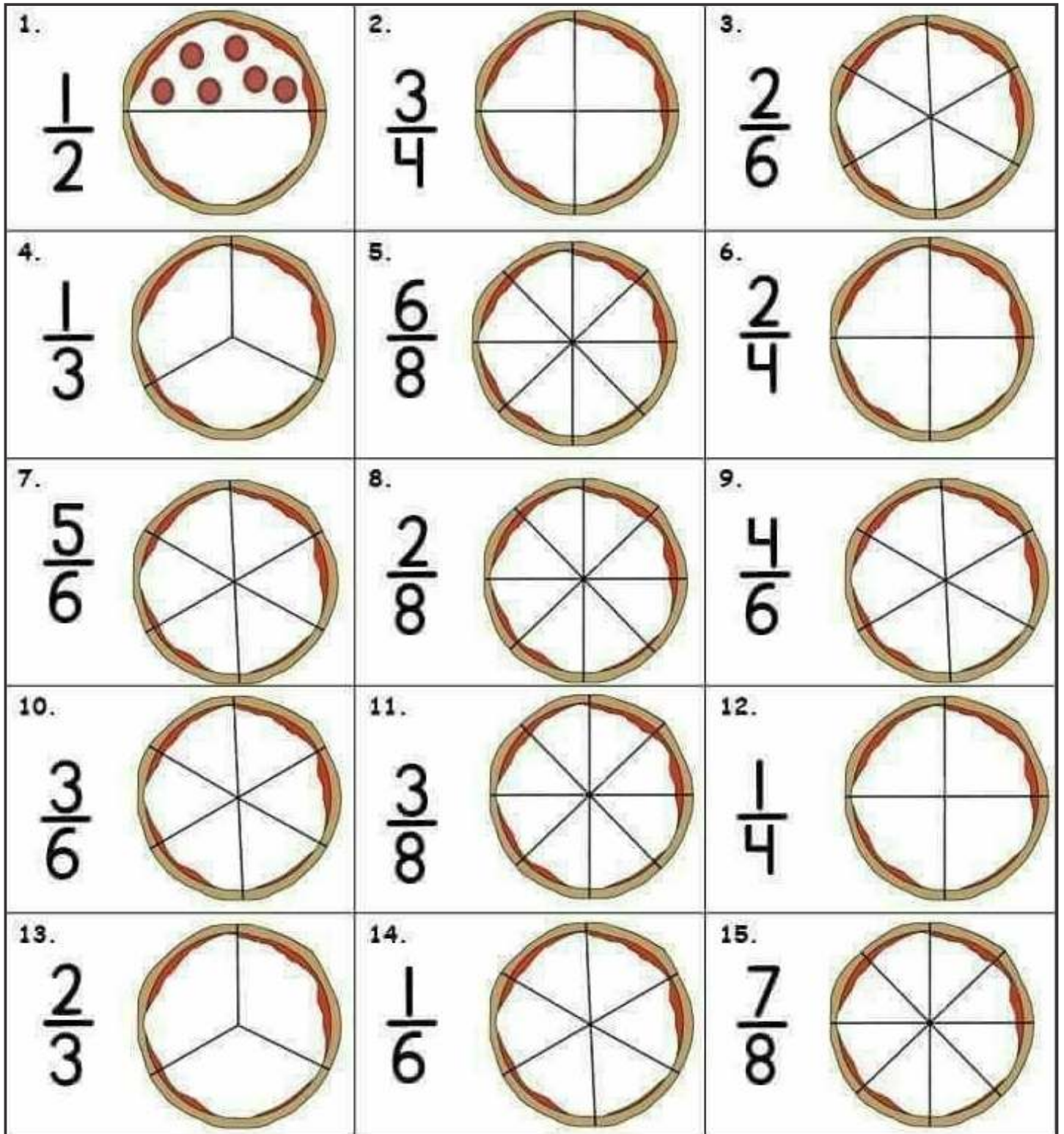


$$\frac{2}{3}$$

$$\frac{6}{8}$$

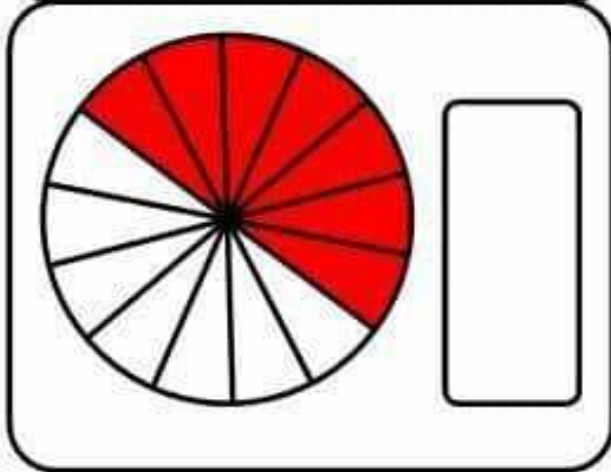
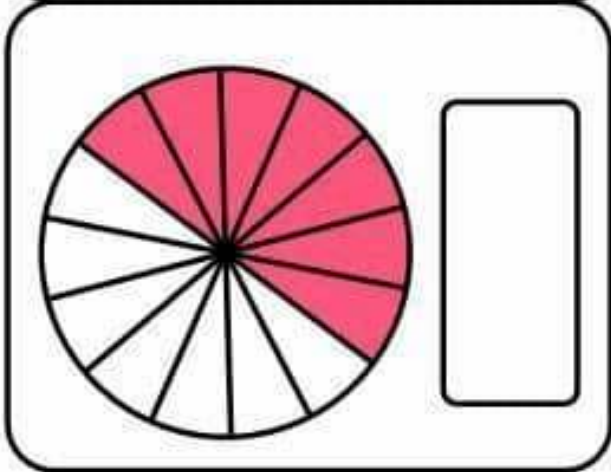
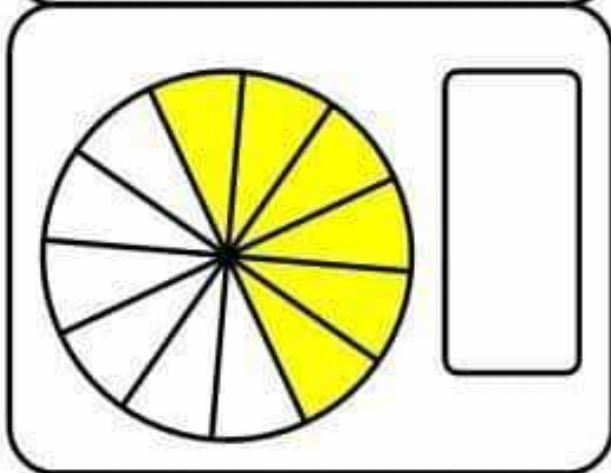
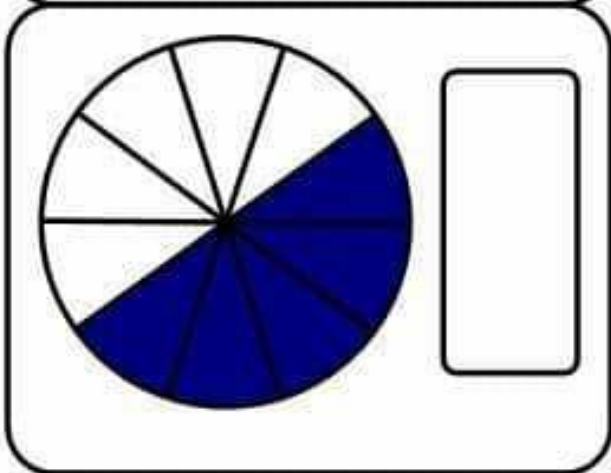
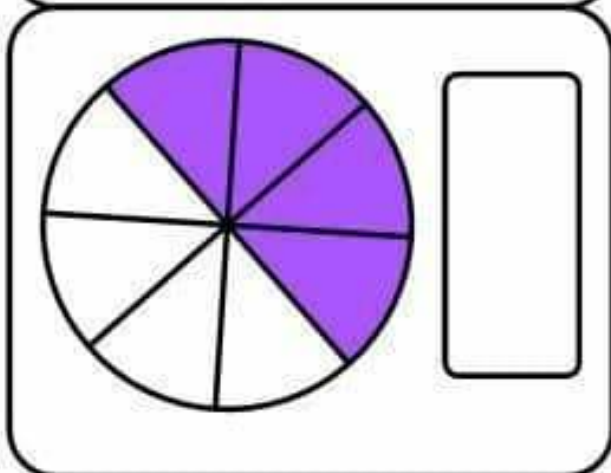
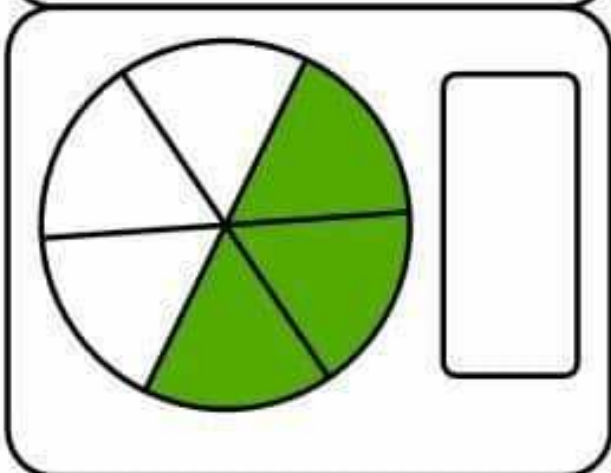
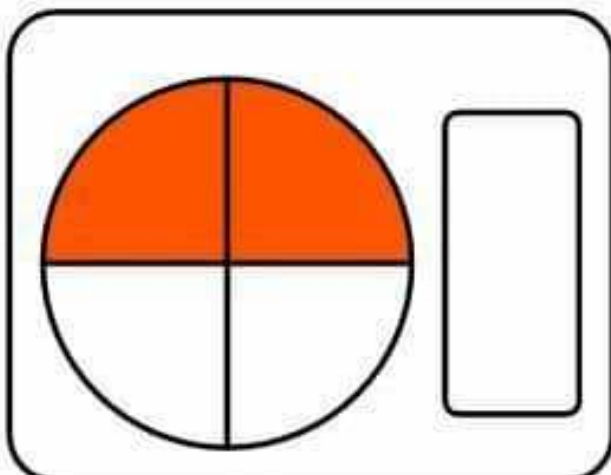
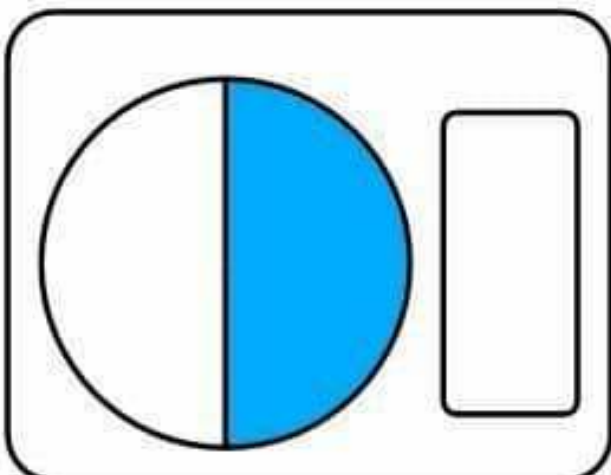
$$\frac{1}{2}$$

# FRACCIONES





# FRACCIONES



# FRACCIONES



$\frac{6}{9}$



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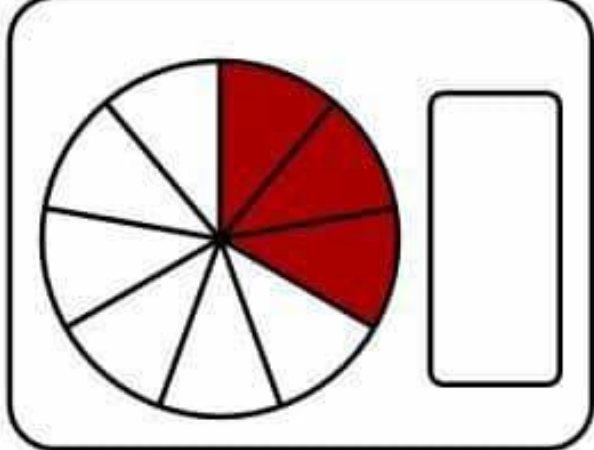
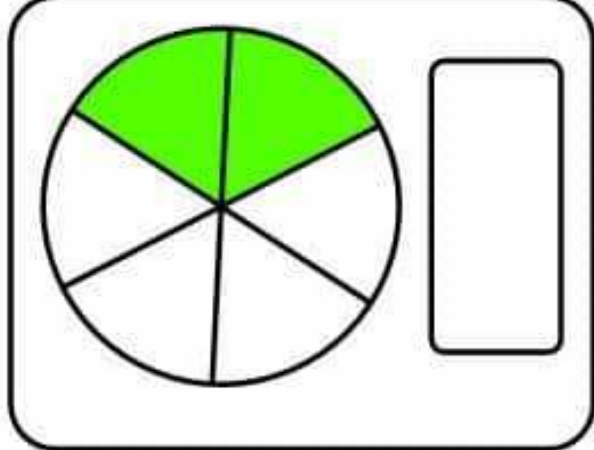
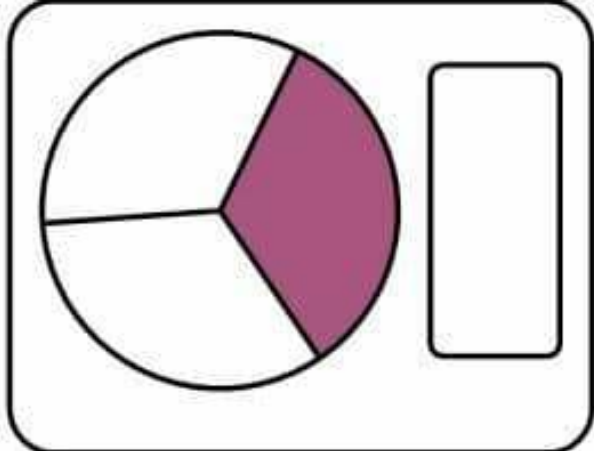
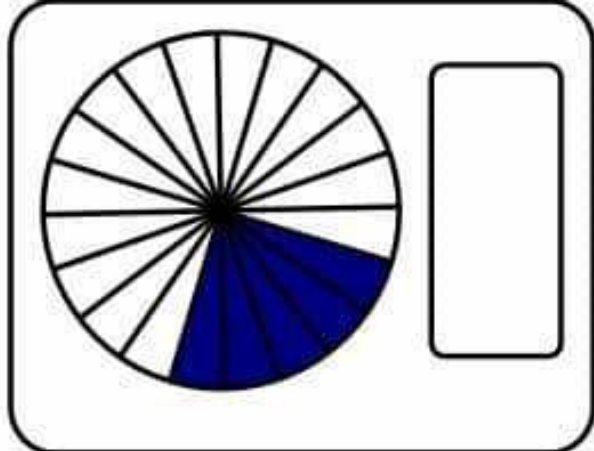
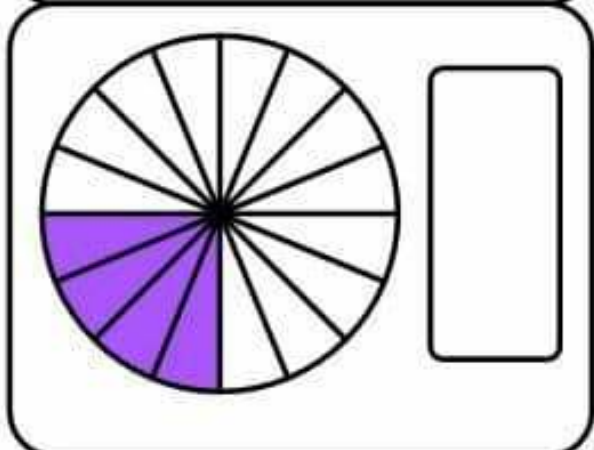
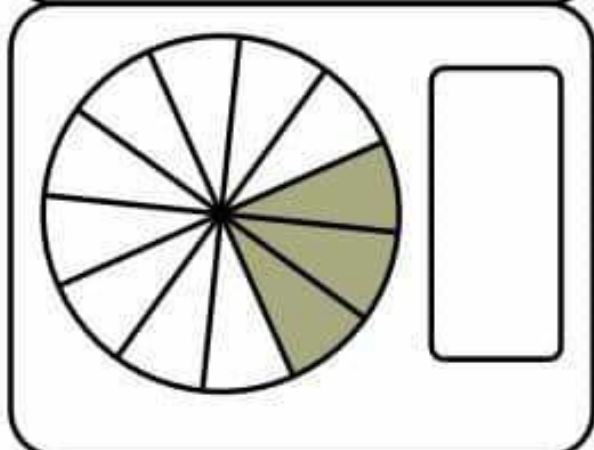
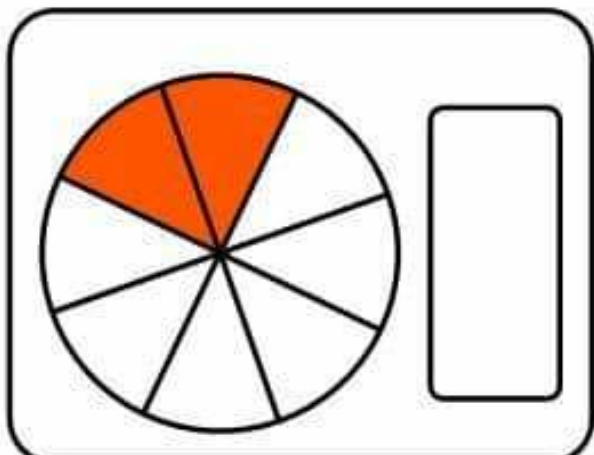
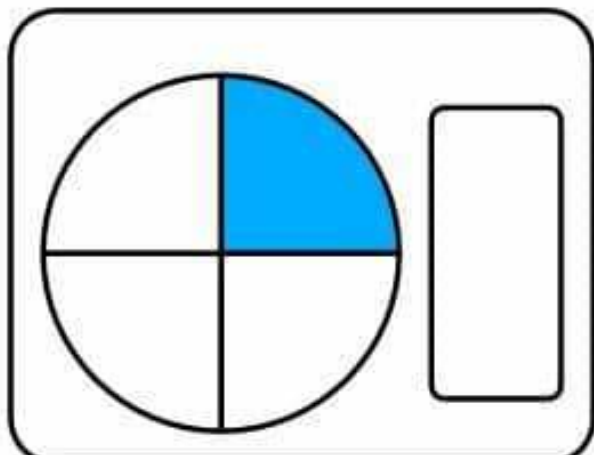


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# FRACCIONES



Recorta y pega en los cuadros la fracción indicada.

$\frac{3}{9}$



$\frac{3}{6}$



$\frac{8}{9}$



$\frac{4}{5}$



$\frac{3}{4}$



$\frac{1}{10}$



$\frac{1}{3}$



$\frac{4}{8}$



$\frac{5}{7}$



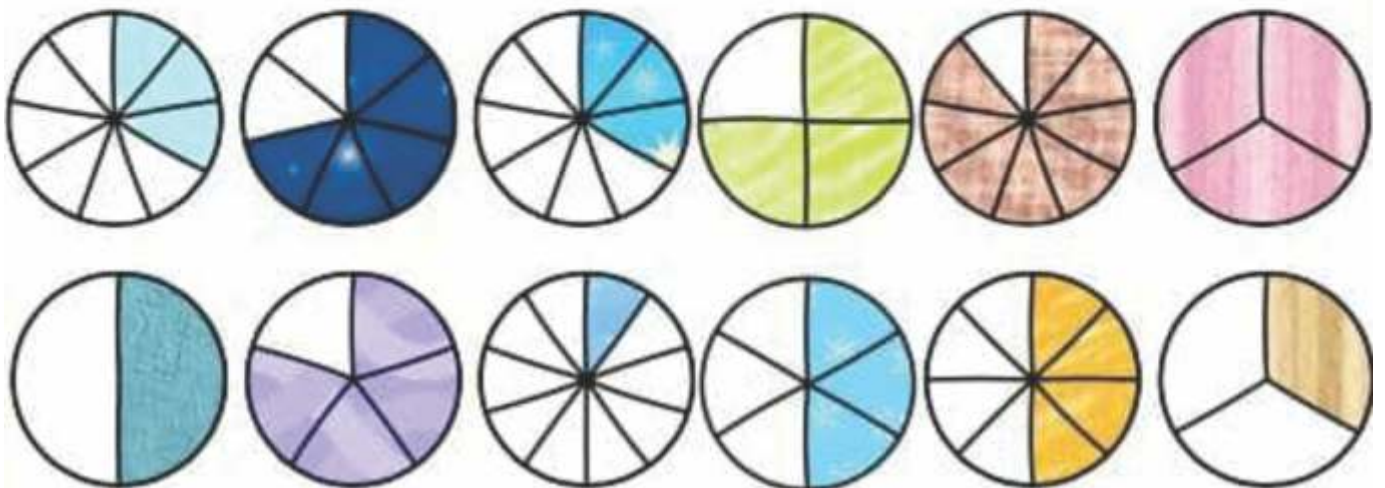
$\frac{3}{9}$



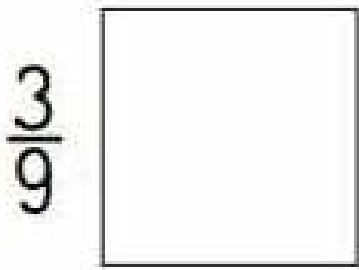
$\frac{3}{3}$

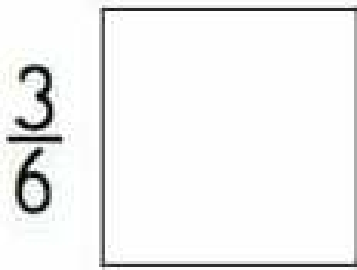


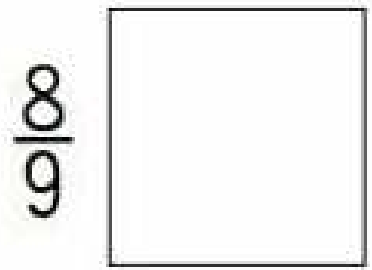
$\frac{1}{2}$

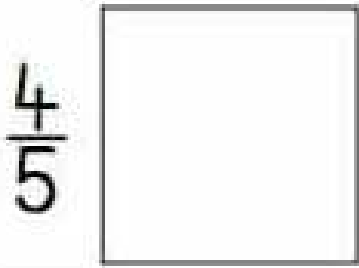


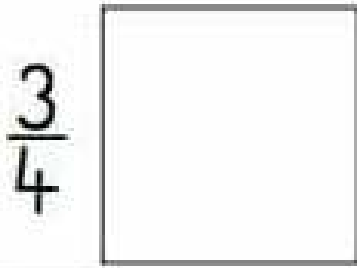
Recorta y pega en los cuadros la fracción indicada.  
Escribe cómo se leen en la línea de abajo.

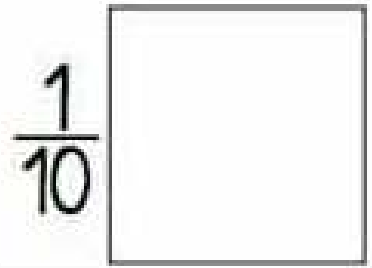


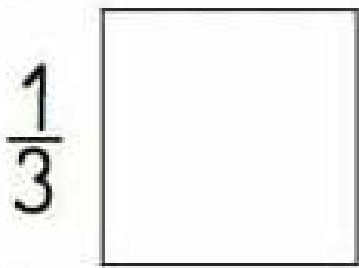




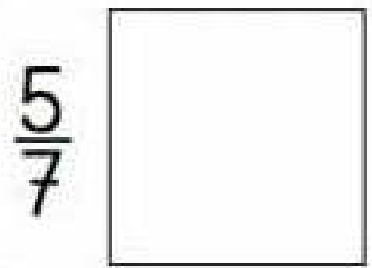


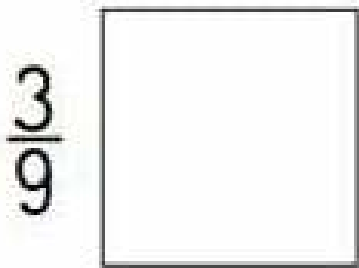


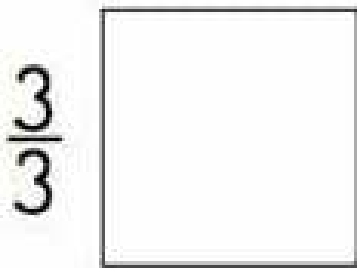


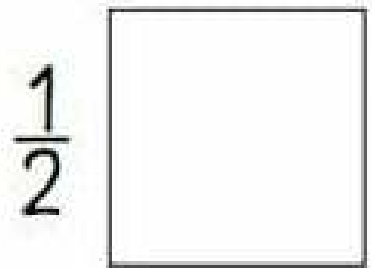


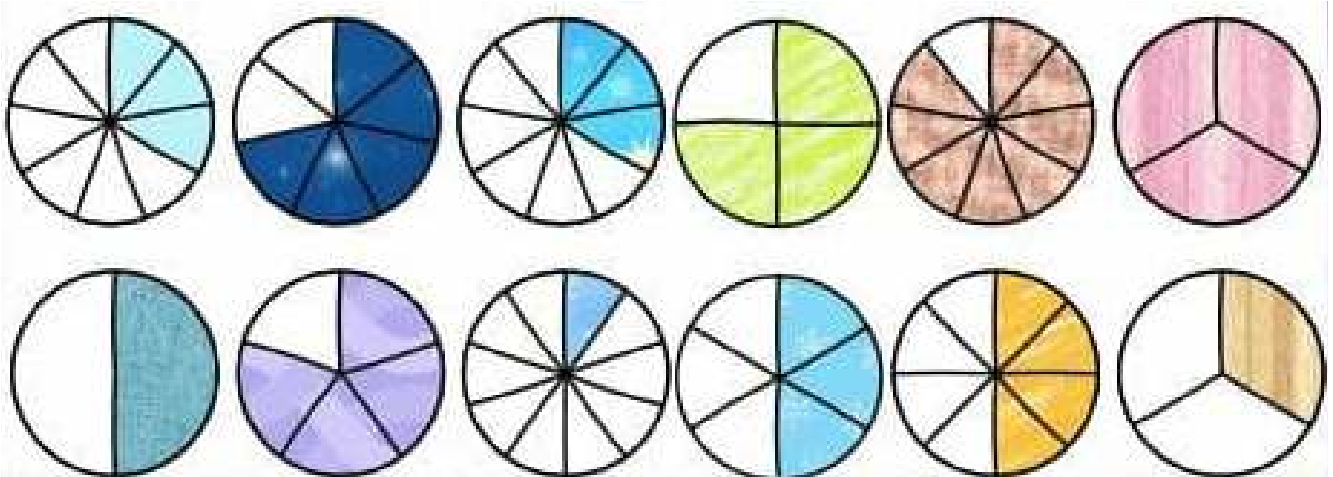












# FRACCIONES



$\frac{1}{5}$



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# FRACCIONES



$\frac{2}{7}$



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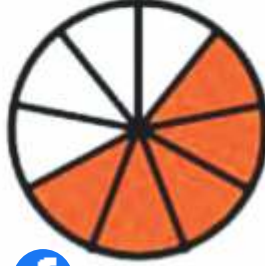
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# FRACCIONES



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



$$\frac{3}{7}$$



$$\frac{1}{7}$$



$$\frac{2}{10}$$



$$\frac{1}{9}$$



$$\frac{3}{9}$$

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Colorea la forma para mostrar la fracción.

1.

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



2.

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



3.

$$\frac{4}{7} =$$



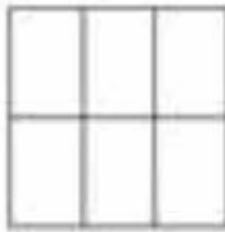
4.

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



5.

$$\frac{3}{6} =$$



6.

$$\frac{2}{8} =$$



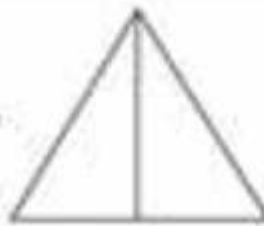
7.

$$\frac{1}{5} =$$



8.

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



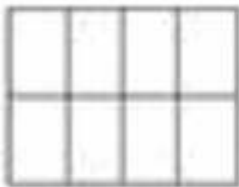
9.

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



10.

$$\frac{3}{6} =$$



11.

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



12.

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



13.

$$\frac{4}{4} =$$



14.

$$\frac{3}{7} =$$



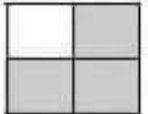


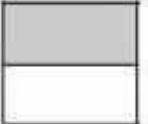
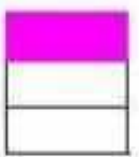




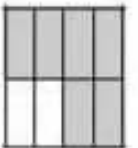
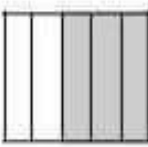

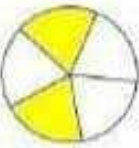




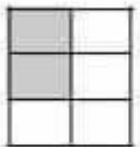



15.

$$\frac{6}{6} =$$



# FRACCIONES

|   |   |   |
|---|---|---|
| $\frac{1}{3}$    | $\frac{3}{4}$    | $\frac{1}{4}$    |
|  $\frac{1}{4}$   |                  |  $\frac{1}{5}$   |
| $\frac{7}{8}$    | $\frac{1}{3}$    | $\frac{1}{6}$    |
| $\frac{1}{3}$  |  $\frac{1}{2}$ |  $\frac{2}{3}$ |
|  $\frac{1}{2}$ | $\frac{2}{5}$  | $\frac{1}{2}$  |
| $\frac{3}{5}$  |  $\frac{2}{3}$ |  $\frac{1}{2}$ |
|  $\frac{3}{4}$ | $\frac{1}{4}$  | $\frac{1}{3}$  |

## Suma de fracciones con diferentes denominador -Resolver

$$\frac{1}{3} + \frac{1}{2} = \frac{\square}{\square} \quad \frac{1}{2} + \frac{2}{4} = \frac{\square}{\square} \quad \frac{5}{6} + \frac{3}{9} = \frac{\square}{\square}$$

$$\frac{10}{40} + \frac{2}{4} = \frac{\square}{\square} \quad \frac{7}{4} + \frac{3}{9} = \frac{\square}{\square} \quad \frac{10}{7} + \frac{9}{11} = \frac{\square}{\square}$$

$$\frac{18}{9} + \frac{2}{4} = \frac{\square}{\square} \quad \frac{5}{6} + \frac{31}{90} = \frac{\square}{\square} \quad \frac{17}{11} + \frac{13}{1} = \frac{\square}{\square}$$

$$\frac{1}{2} + \frac{2}{20} = \frac{\square}{\square} \quad \frac{3}{8} + \frac{3}{9} = \frac{\square}{\square} \quad \frac{7}{5} + \frac{3}{50} = \frac{\square}{\square}$$

$$\frac{8}{4} + \frac{2}{14} = \frac{\square}{\square} \quad \frac{5}{1} + \frac{3}{19} = \frac{\square}{\square} \quad \frac{7}{6} + \frac{3}{16} = \frac{\square}{\square}$$

$$\frac{11}{10} + \frac{2}{4} = \frac{\square}{\square} \quad \frac{51}{19} + \frac{31}{9} = \frac{\square}{\square} \quad \frac{71}{1} + \frac{31}{21} = \frac{\square}{\square}$$

FRACCIONES: Une con líneas.



a.  $\frac{1}{2}$  un medio

b.  $\frac{1}{3}$  un tercio

c.  $\frac{1}{4}$  un cuarto

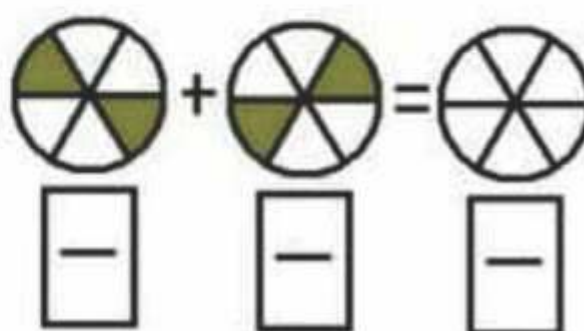
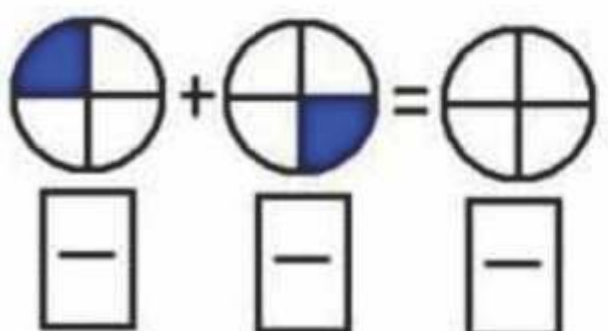
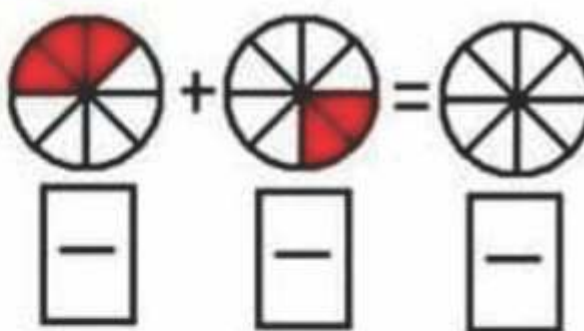
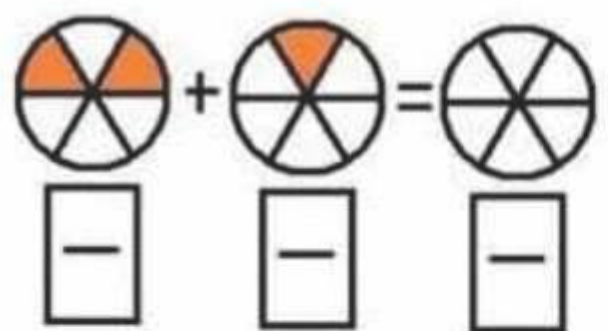
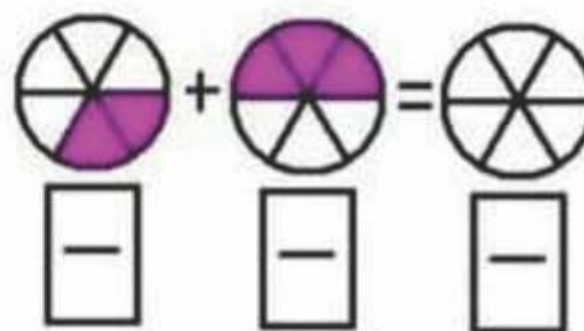
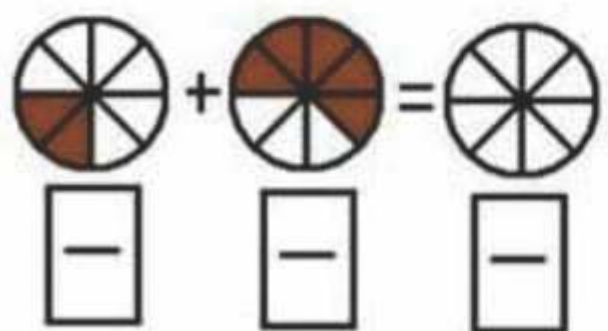
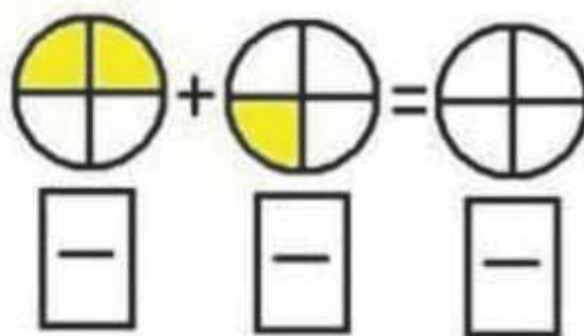
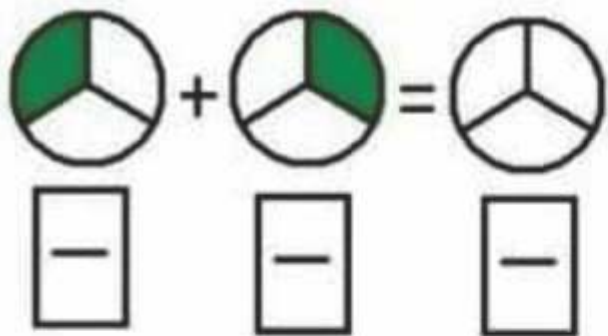
d.  $\frac{1}{5}$  un quinto

e.  $\frac{1}{6}$  un sexto

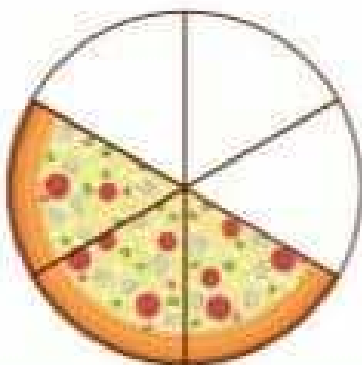
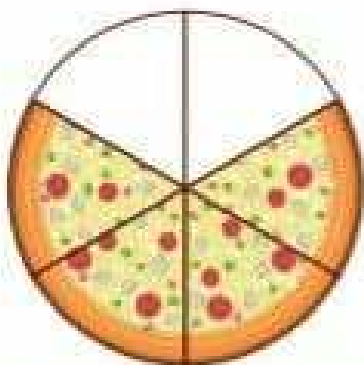
f.  $\frac{1}{8}$  un octavo

g.  $\frac{1}{10}$  un décimo

Colorea la suma de la parte sombreada y escribe la representación fraccionaria de cada una:



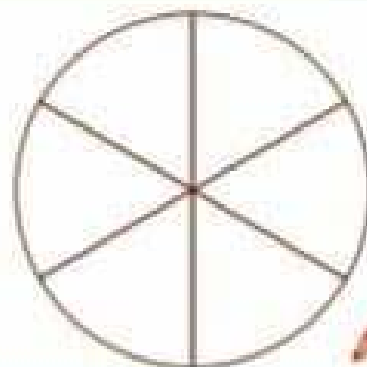
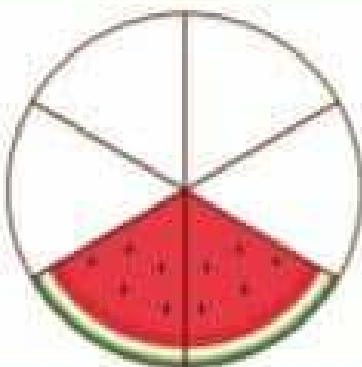
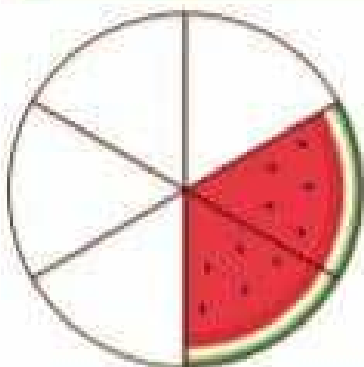
# Fracciones de pizza

 $\frac{4}{6}$ 

+

 $\frac{3}{6}$ 

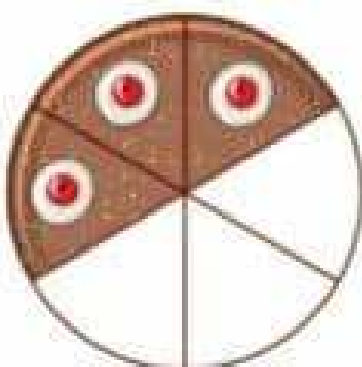
=

 $\frac{2}{6}$ 

+

 $\frac{2}{6}$ 

=

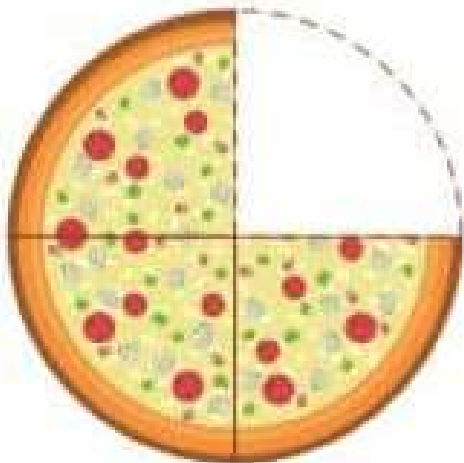
 $\frac{1}{6}$ 

+

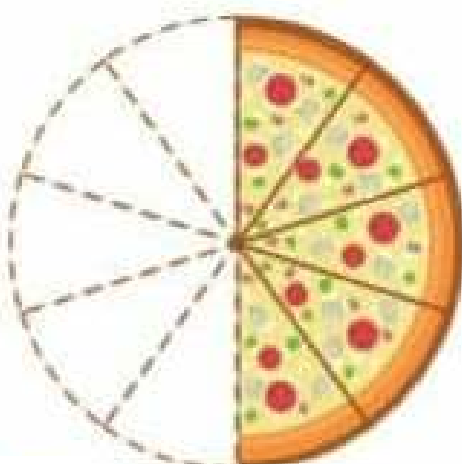
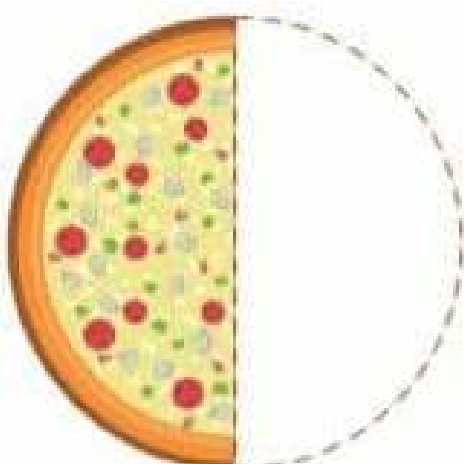
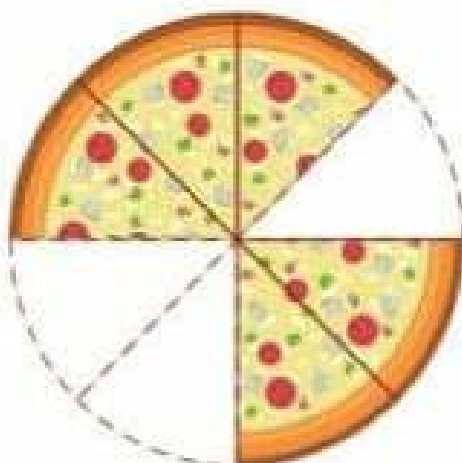
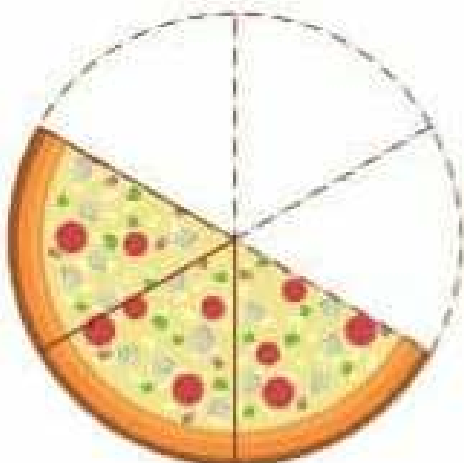
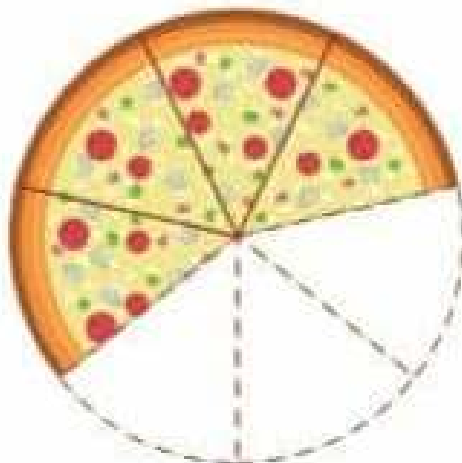
 $\frac{3}{6}$ 

=

# Fracciones de pizza



$\frac{3}{4}$



## PRÁCTICA CALIFICADA: FRACCIONES EQUIVALENTES

Escribe el término que falta en cada círculo y recuadro, para obtener fracciones equivalentes.

$\frac{1}{2} = \frac{2}{\text{○}}$

$\times 4$

$\frac{3}{5} = \frac{21}{\text{○}}$

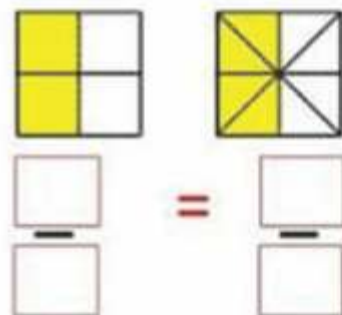
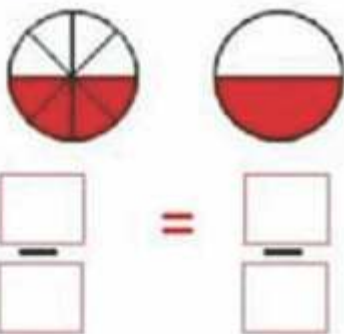
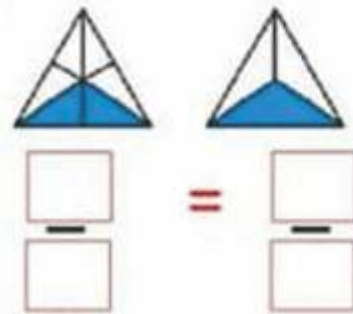
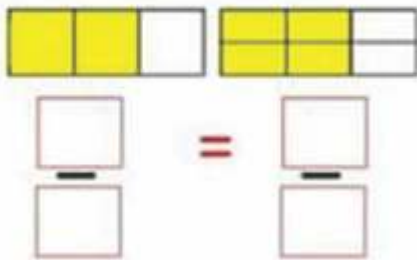
$\frac{4}{9} = \frac{\text{○}}{18}$

$\frac{7}{3} = \frac{\text{○}}{12}$

$\frac{1}{4} = \frac{6}{\text{○}}$

$\frac{2}{9} = \frac{20}{\text{○}}$

Observa las regiones pintadas y escribe el par de fracciones equivalentes que corresponde en cada caso.



Arrastra el signo  $=$  si cada par de fracciones son equivalentes; o el signo  $\neq$  si no lo son.

$\frac{7}{8} \text{○} \frac{21}{24}$

$\frac{21}{42} \text{○} \frac{1}{4}$

$\frac{3}{5} \text{○} \frac{9}{15}$

$=$   $\neq$

$\frac{11}{14} \text{○} \frac{2}{3}$

$\frac{24}{28} \text{○} \frac{6}{7}$

$\frac{6}{8} \text{○} \frac{30}{48}$

$=$   $\neq$

$=$   $\neq$



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