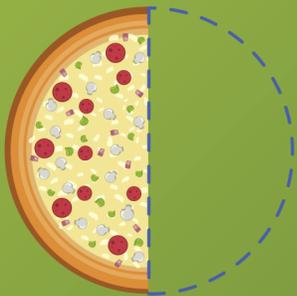
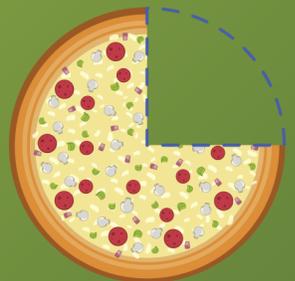


CUADERNILLO DE LAS *fracciones*



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



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



Una fracción representa una o más partes iguales de la unidad. Una cosa está entera (la unidad) cuando tiene todas sus partes. Una fracción se compone de 2 números separados por una línea horizontal.

El número de abajo nos indica el número de partes en que se divide la unidad y se llama DENOMINADOR. El número de arriba nos indica cuántas partes tomamos; es el NUMERADOR.

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

→ numerador

→ denominador

¿Qué es un medio?

Cuando cortas algo por la mitad haces dos partes iguales, cada una de ellas es un medio.

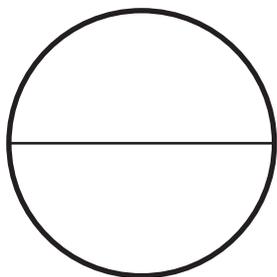
¿Qué es un tercio?

Cuando compartimos algo entre tres, es decir, dividimos algo en tres partes iguales, cada una de esas partes es un tercio.

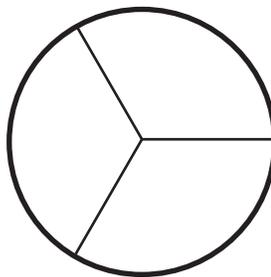
¿Qué es un cuarto?

Cuando dividimos algo en cuatro partes iguales y tomamos una de esas cuatro partes. Por ejemplo una hora se divide en cuatro cuartos.

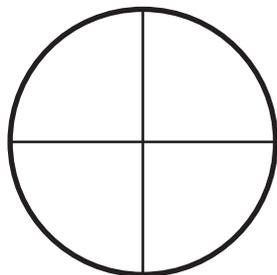
Colorea la fracción que se te indica.



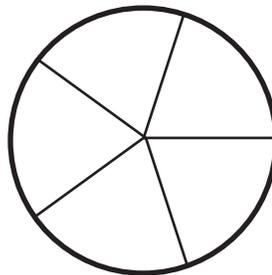
colorea $\frac{1}{2}$



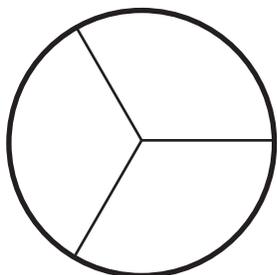
colorea $\frac{2}{3}$



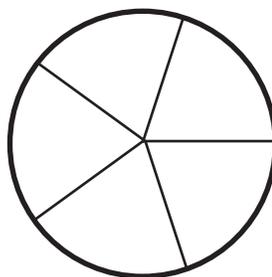
colorea $\frac{3}{4}$



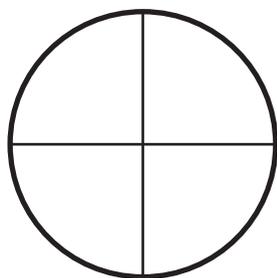
colorea $\frac{3}{5}$



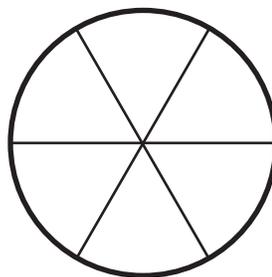
colorea $\frac{1}{3}$



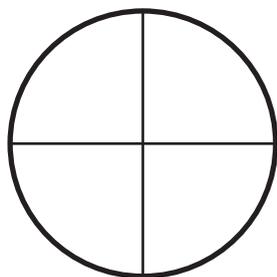
colorea $\frac{1}{5}$



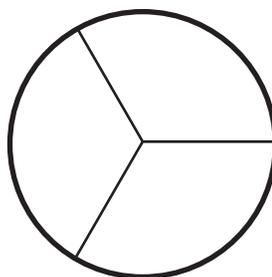
colorea $\frac{4}{4}$



colorea $\frac{2}{6}$



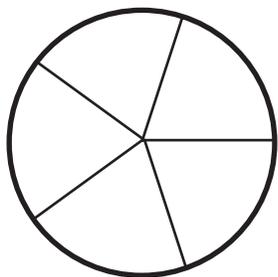
colorea $\frac{2}{4}$



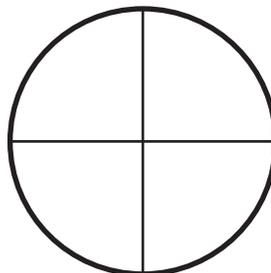
colorea $\frac{3}{3}$



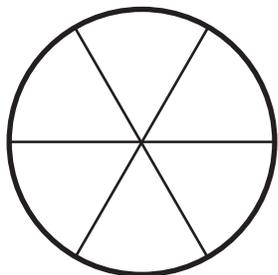
Colorea la fracción que se te indica.



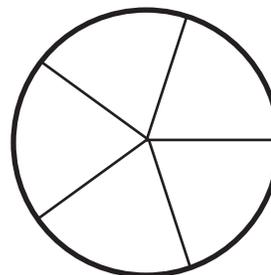
colorea $\frac{2}{5}$



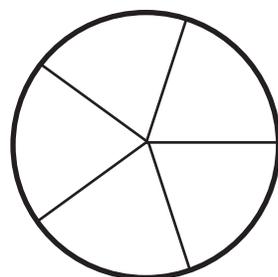
colorea $\frac{1}{4}$



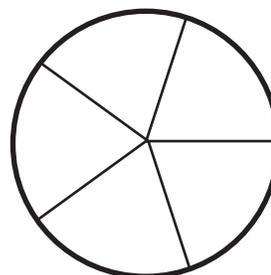
colorea $\frac{4}{6}$



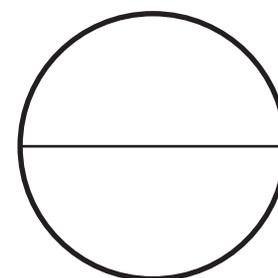
colorea $\frac{5}{5}$



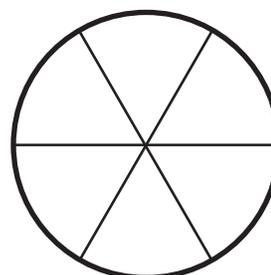
colorea $\frac{5}{5}$



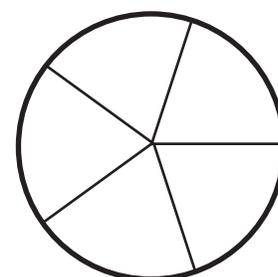
colorea $\frac{4}{5}$



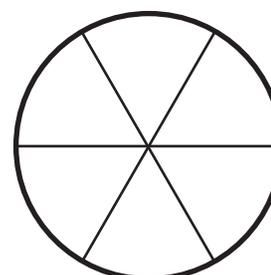
colorea $\frac{2}{2}$



colorea $\frac{6}{6}$



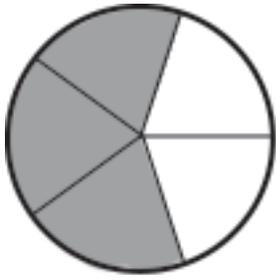
colorea $\frac{3}{5}$



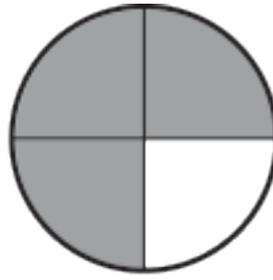
colorea $\frac{1}{6}$



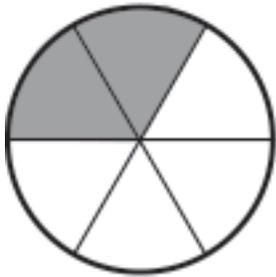
Encierra la fracción que representa el área sombreada.



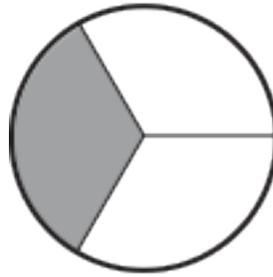
$\frac{3}{5}$ $\frac{4}{6}$



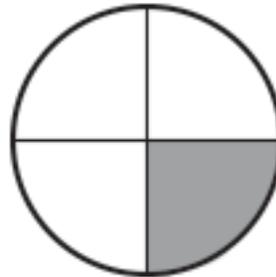
$\frac{3}{5}$ $\frac{3}{4}$



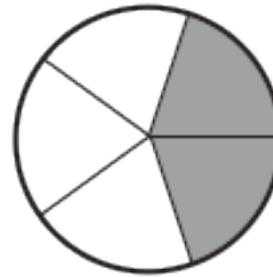
$\frac{2}{6}$ $\frac{4}{6}$



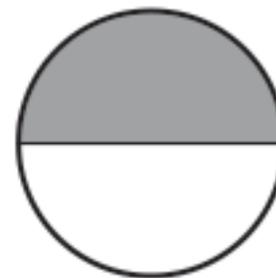
$\frac{2}{4}$ $\frac{1}{3}$



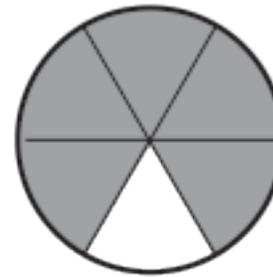
$\frac{2}{3}$ $\frac{1}{4}$



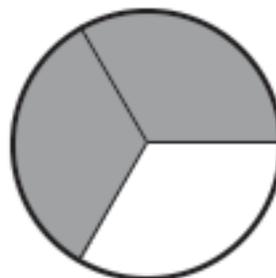
$\frac{2}{5}$ $\frac{3}{6}$



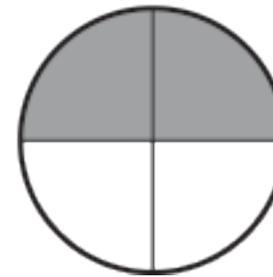
$\frac{2}{5}$ $\frac{1}{2}$



$\frac{7}{5}$ $\frac{5}{6}$

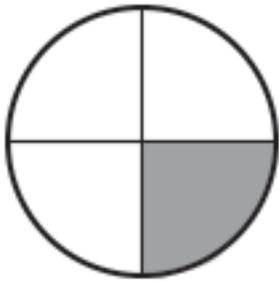


$\frac{2}{3}$ $\frac{2}{4}$

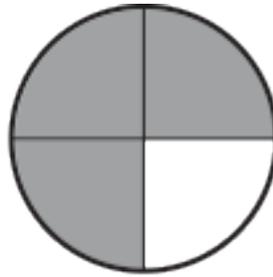


$\frac{2}{3}$ $\frac{2}{4}$

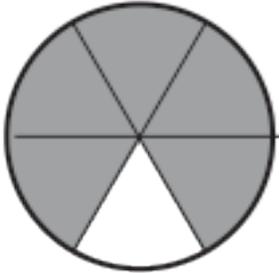
Escribe la fracción que representa el área sombreada.



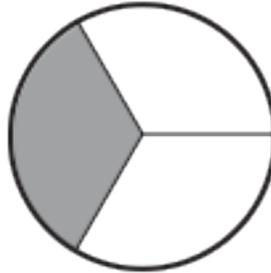
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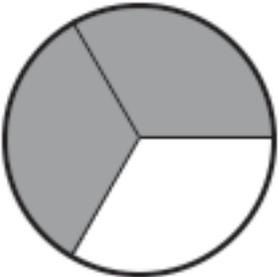
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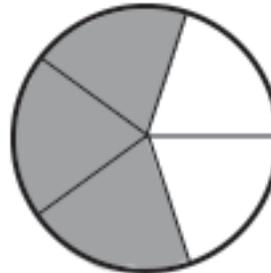
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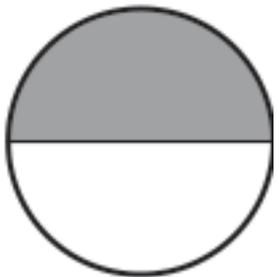
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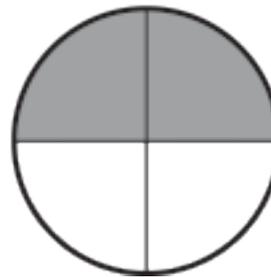
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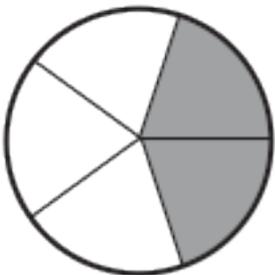
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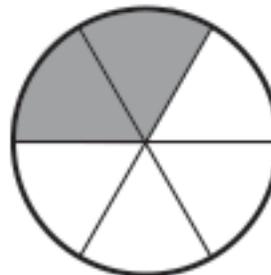
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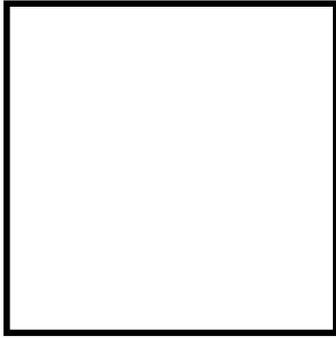
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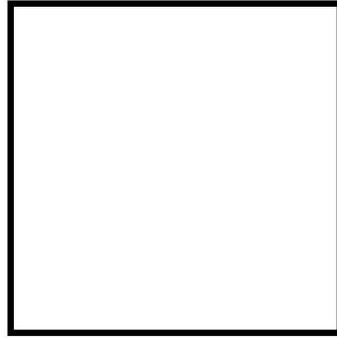
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Recorta la representación de las fracciones y pégalas donde corresponde.

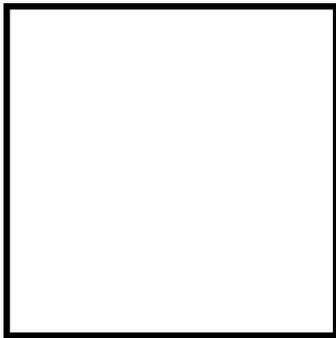
$$\frac{1}{2}$$



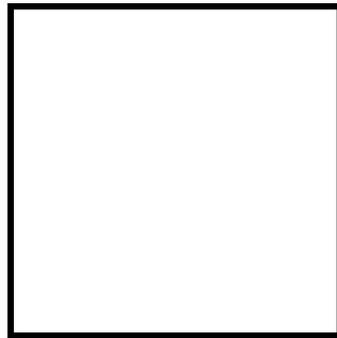
$$\frac{1}{3}$$



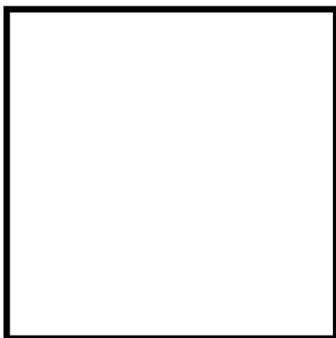
$$\frac{1}{4}$$



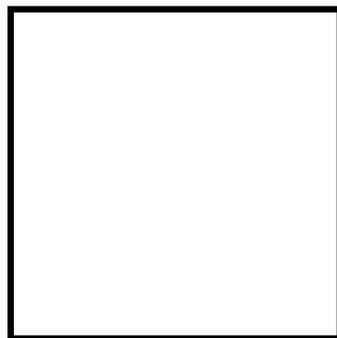
$$\frac{1}{5}$$



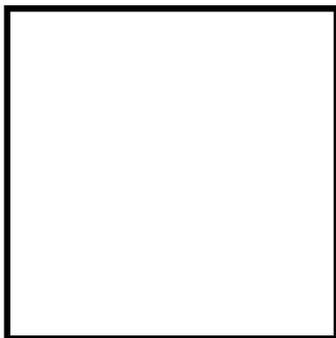
$$\frac{1}{6}$$



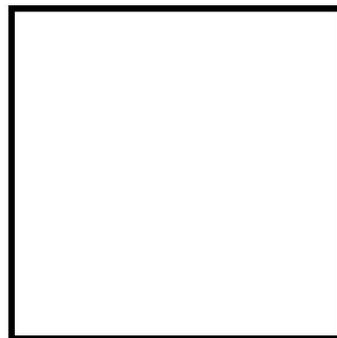
$$\frac{2}{3}$$



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

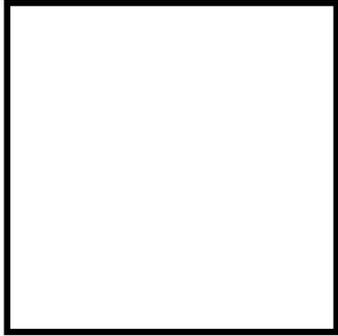


$$\frac{2}{5}$$

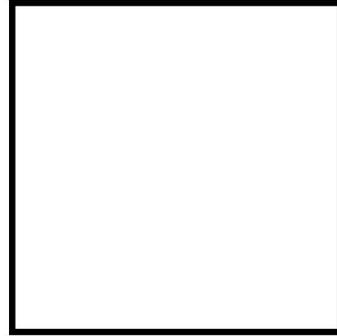


Recorta la representación de las fracciones y pégalas donde corresponde.

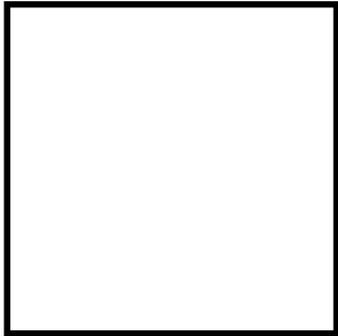
$$\frac{4}{5}$$



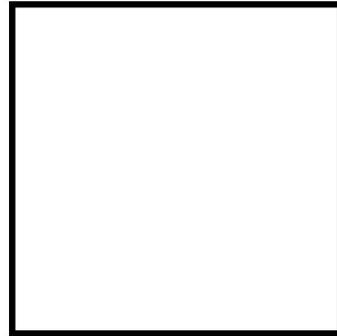
$$\frac{4}{6}$$



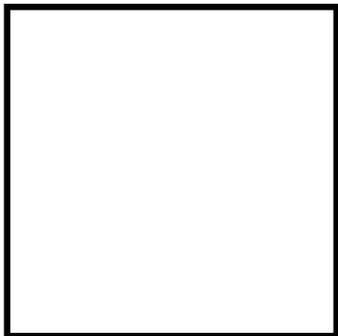
$$\frac{5}{6}$$



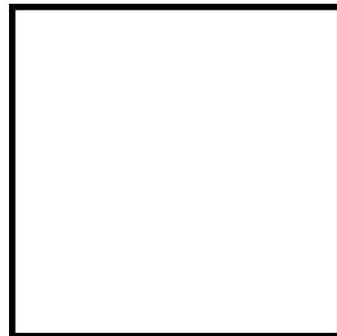
$$\frac{6}{6}$$



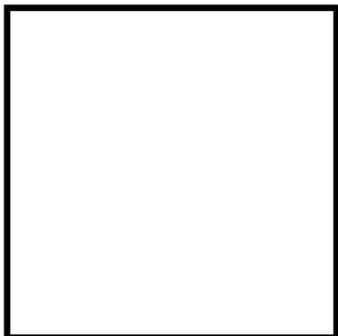
$$\frac{5}{5}$$



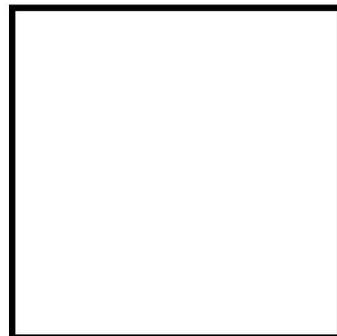
$$\frac{4}{4}$$



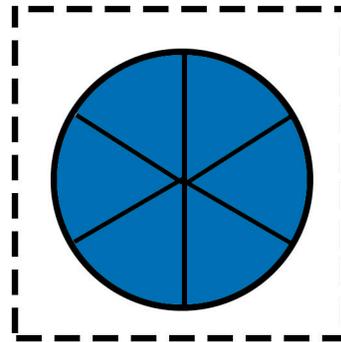
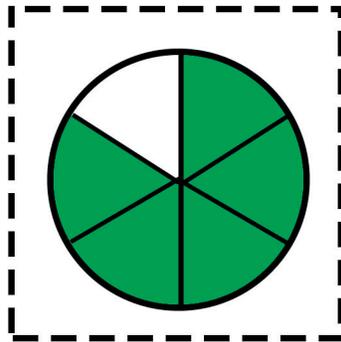
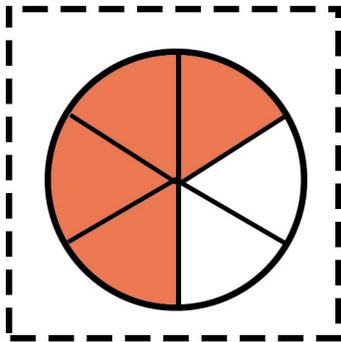
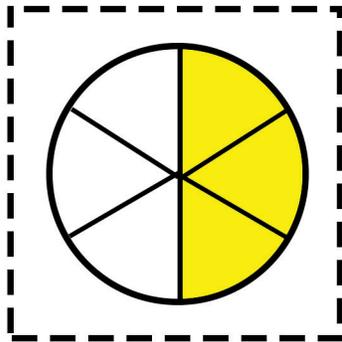
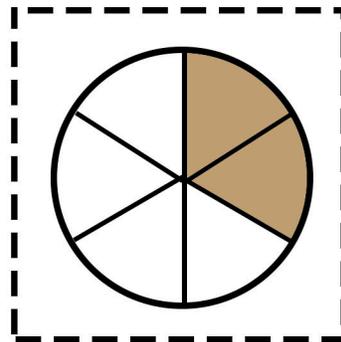
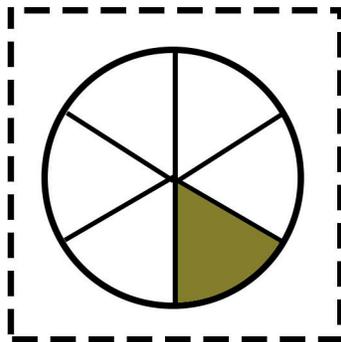
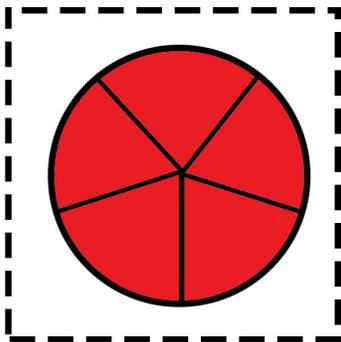
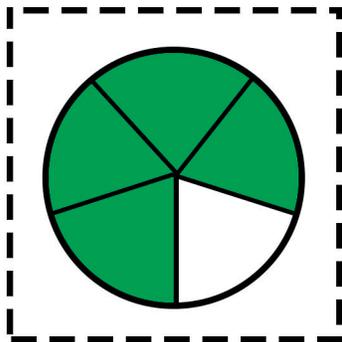
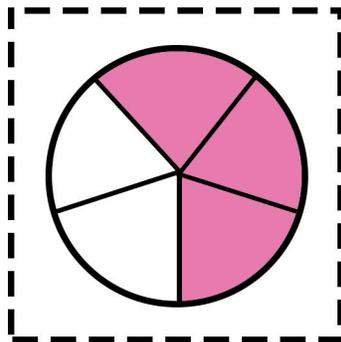
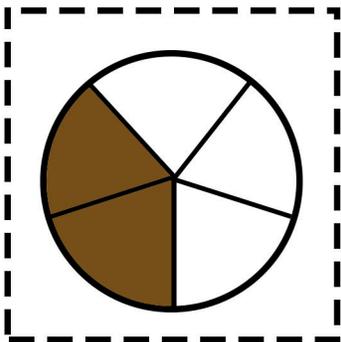
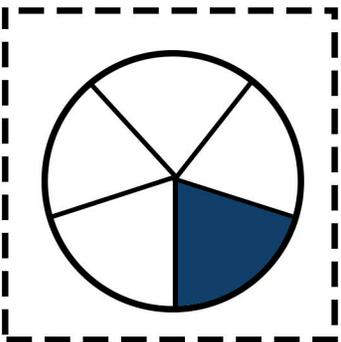
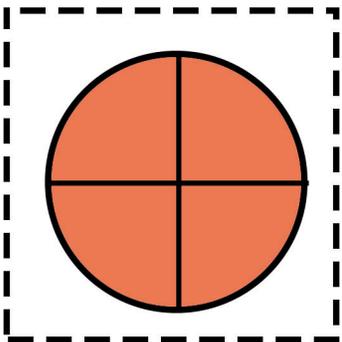
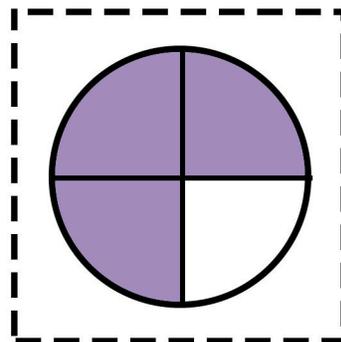
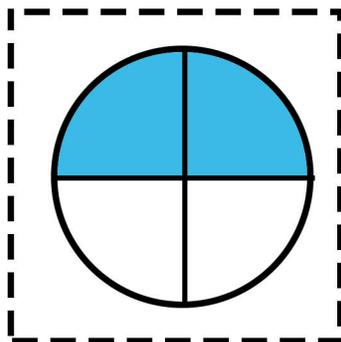
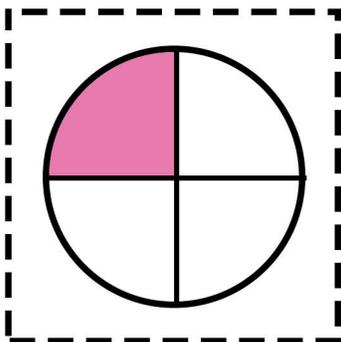
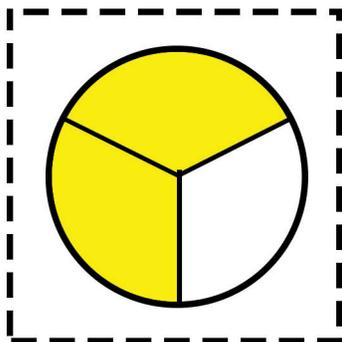
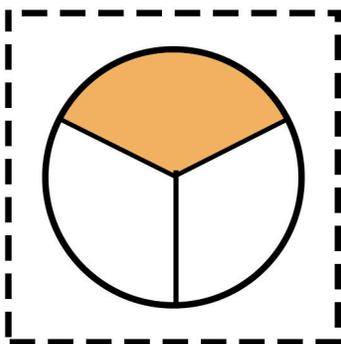
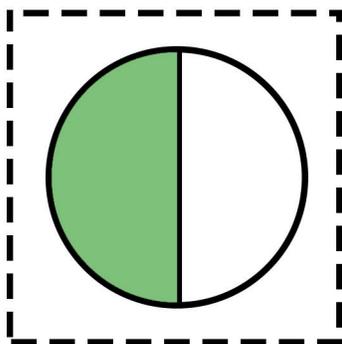
$$\frac{3}{5}$$



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



Recortable



Colorea las fracciones de los círculos de acuerdo a los colores que se indican a continuación:

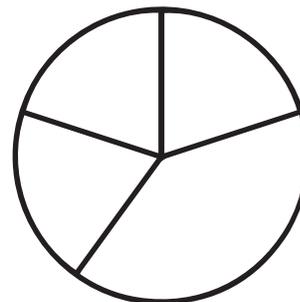
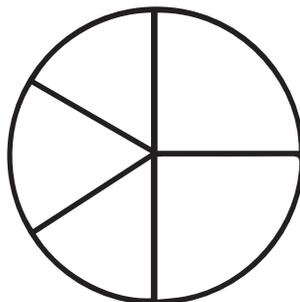
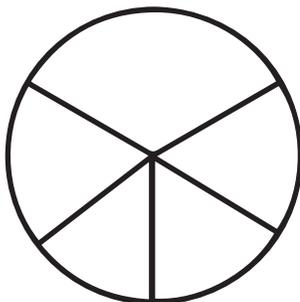
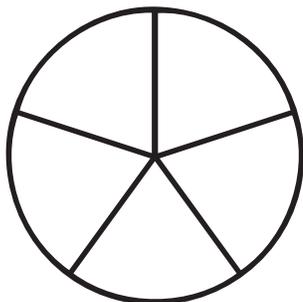
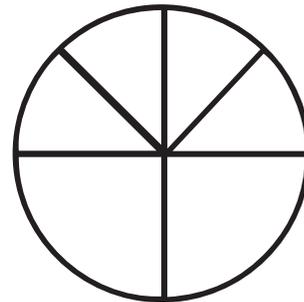
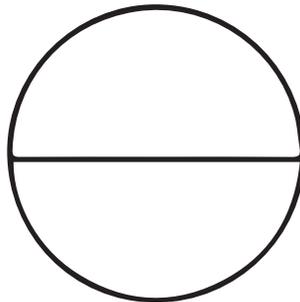
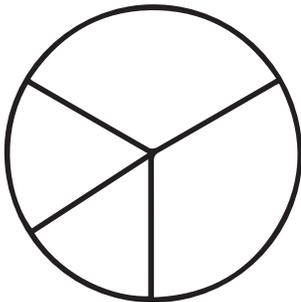
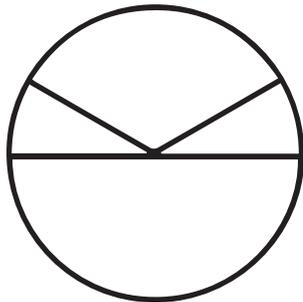
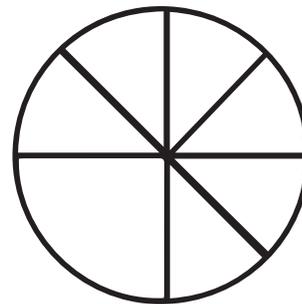
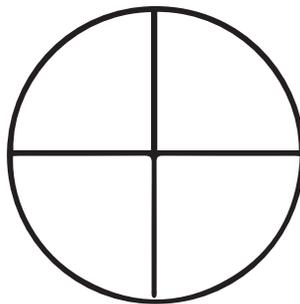
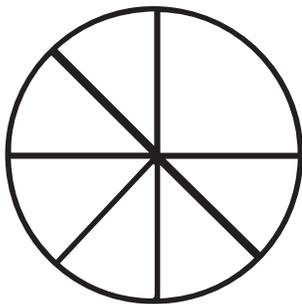
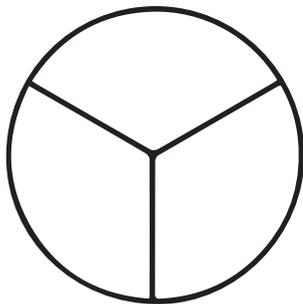
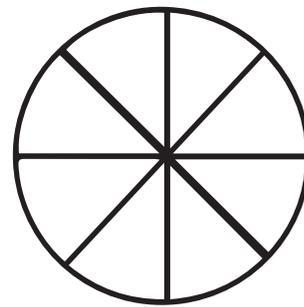
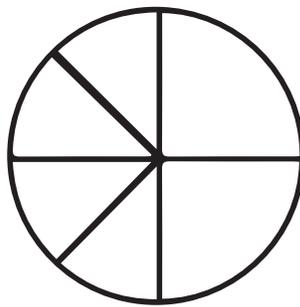
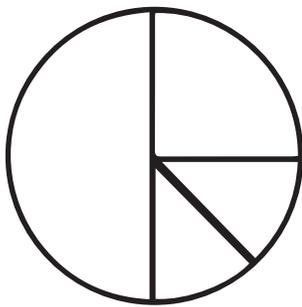
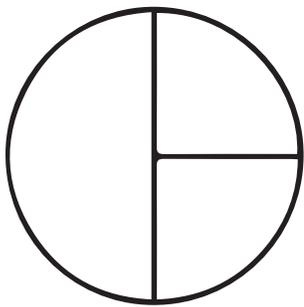
$\frac{1}{3}$ rojo

$\frac{1}{2}$ verde

$\frac{1}{8}$ amarillo

$\frac{1}{4}$ azul

$\frac{1}{5}$ naranja

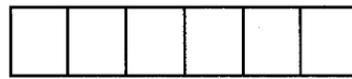


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Colorea la fracción que se te pide.



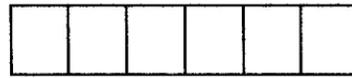
$\frac{5}{5}$ cinco quintos



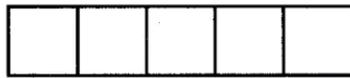
$\frac{1}{6}$ un sextos



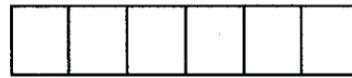
$\frac{4}{5}$ cuatro quintos



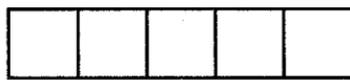
$\frac{4}{6}$ cuatro sextos



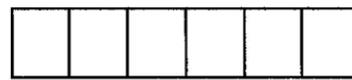
$\frac{1}{5}$ un quinto



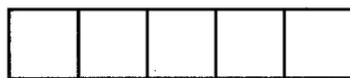
$\frac{2}{6}$ dos sextos



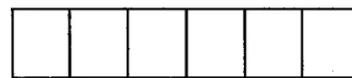
$\frac{2}{5}$ dos quintos



$\frac{3}{6}$ tres sextos



$\frac{3}{5}$ tres quintos



$\frac{5}{6}$ cinco sextos

Escribe los signos $>$, $<$ o $=$ según corresponda.

$$\frac{1}{5} \square \frac{3}{5}$$

$$\frac{4}{6} \square \frac{3}{6}$$

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

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

$$\frac{4}{5} \square \frac{2}{5}$$

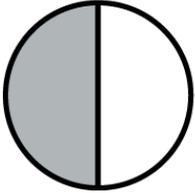
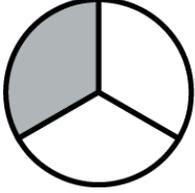
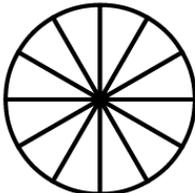
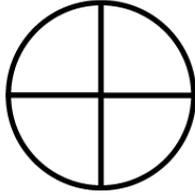
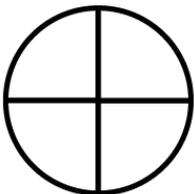
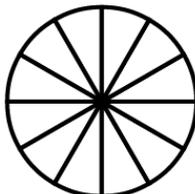
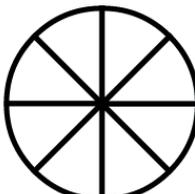
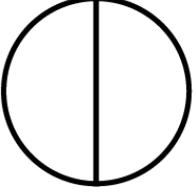
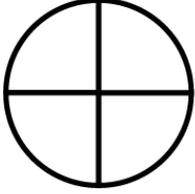
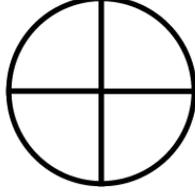
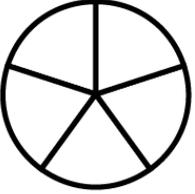
$$\frac{2}{6} \square \frac{4}{6}$$

$$\frac{3}{6} \square \frac{2}{5}$$

$$\frac{5}{6} \square \frac{1}{5}$$

$$\frac{2}{5} \square \frac{5}{6}$$

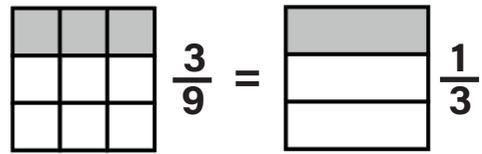
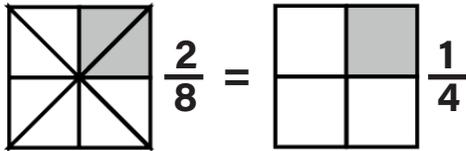
Colorea los círculos según la fracción indicada y escribe los signos $>$, $<$ o $=$ según corresponda.

  $\frac{1}{2}$ <input type="text"/> $\frac{1}{3}$	  $\frac{6}{12}$ <input type="text"/> $\frac{2}{4}$
  $\frac{2}{4}$ <input type="text"/> $\frac{2}{3}$	  $\frac{3}{12}$ <input type="text"/> $\frac{2}{8}$
  $\frac{1}{2}$ <input type="text"/> $\frac{2}{4}$	  $\frac{1}{4}$ <input type="text"/> $\frac{1}{5}$

FRACCIONES EQUIVALENTES

Son aquellas fracciones que representan una misma cantidad, aunque el numerador y el denominador sean diferentes.

Ejemplos:



Completa las siguientes fracciones equivalentes.

$\frac{1}{2} = \frac{\square}{4}$	$\frac{1}{3} = \frac{\square}{6}$	$\frac{2}{6} = \frac{\square}{12}$
$\frac{1}{2} = \frac{\square}{8}$	$\frac{1}{3} = \frac{\square}{12}$	$\frac{2}{6} = \frac{\square}{3}$
$\frac{2}{4} = \frac{\square}{8}$	$\frac{4}{8} = \frac{\square}{2}$	$\frac{4}{12} = \frac{\square}{3}$
$\frac{2}{4} = \frac{\square}{2}$	$\frac{4}{8} = \frac{\square}{4}$	$\frac{4}{12} = \frac{\square}{6}$

● Une las fracciones equivalentes.

$\frac{10}{25}$ $\frac{5}{6}$ $\frac{4}{16}$ $\frac{15}{24}$
 $\frac{5}{8}$ $\frac{2}{5}$ $\frac{3}{8}$ $\frac{15}{18}$
 $\frac{6}{16}$ $\frac{1}{2}$ $\frac{5}{10}$
 $\frac{3}{4}$ $\frac{1}{4}$ $\frac{2}{7}$ $\frac{6}{8}$ $\frac{4}{14}$

● Escribe = o ≠ según corresponda:

$\frac{1}{8} \bigcirc \frac{5}{32}$ $\frac{3}{5} \bigcirc \frac{6}{10}$ $\frac{5}{7} \bigcirc \frac{15}{20}$ $\frac{7}{28} \bigcirc \frac{1}{4}$
 $\frac{3}{9} \bigcirc \frac{1}{3}$ $\frac{3}{10} \bigcirc \frac{1}{3}$ $\frac{3}{12} \bigcirc \frac{1}{4}$ $\frac{8}{40} \bigcirc \frac{2}{5}$

● Simplifica estas fracciones:

$\frac{20}{50} = \square$ $\frac{42}{27} = \square$ $\frac{14}{21} = \square$ $\frac{12}{16} = \square$ $\frac{16}{18} = \square$

● Amplifica estas fracciones:

$\frac{2}{9} = \square$ $\frac{4}{5} = \square$ $\frac{1}{12} = \square$ $\frac{7}{8} = \square$ $\frac{2}{3} = \square$

Encierra las fracciones que sean equivalentes.

$$\frac{8}{11} = \frac{32}{44}$$

$$\frac{4}{6} = \frac{20}{30}$$

$$\frac{2}{8} = \frac{8}{32}$$

$$\frac{11}{11} = \frac{44}{44}$$

$$\frac{2}{3} = \frac{4}{6}$$

$$\frac{5}{6} = \frac{10}{24}$$

$$\frac{2}{6} = \frac{6}{24}$$

$$\frac{1}{2} = \frac{4}{8}$$

$$\frac{6}{12} = \frac{12}{24}$$

$$\frac{1}{5} = \frac{5}{25}$$

$$\frac{3}{11} = \frac{9}{55}$$

$$\frac{2}{7} = \frac{6}{28}$$

$$\frac{6}{12} = \frac{30}{60}$$

$$\frac{4}{12} = \frac{20}{24}$$

$$\frac{1}{3} = \frac{4}{12}$$

$$\frac{11}{11} = \frac{33}{33}$$

$$\frac{10}{11} = \frac{50}{33}$$

$$\frac{1}{2} = \frac{4}{8}$$

$$\frac{12}{12} = \frac{36}{60}$$

$$\frac{7}{8} = \frac{14}{16}$$

$$\frac{9}{9} = \frac{36}{36}$$

$$\frac{6}{9} = \frac{24}{36}$$

$$\frac{2}{4} = \frac{6}{12}$$

$$\frac{5}{5} = \frac{20}{20}$$

$$\frac{6}{9} = \frac{30}{27}$$

$$\frac{1}{5} = \frac{3}{15}$$

$$\frac{9}{10} = \frac{36}{30}$$

$$\frac{6}{6} = \frac{18}{18}$$

$$\frac{10}{12} = \frac{40}{48}$$

$$\frac{9}{9} = \frac{18}{18}$$

$$\frac{5}{9} = \frac{20}{27}$$

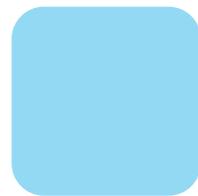
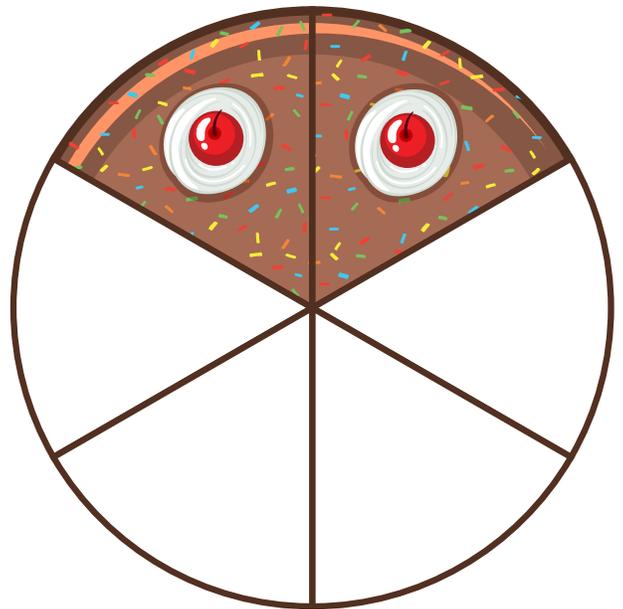
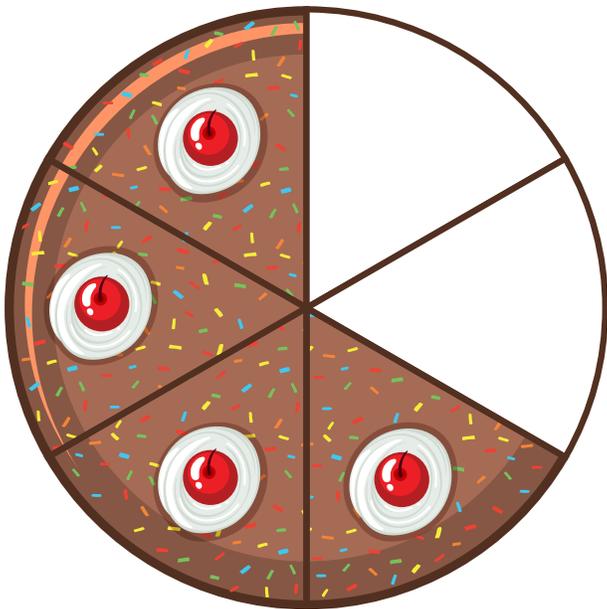
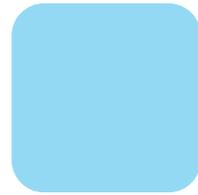
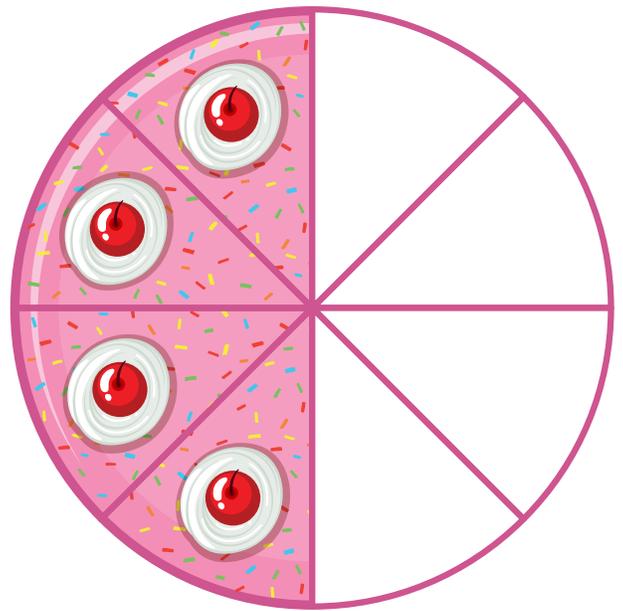
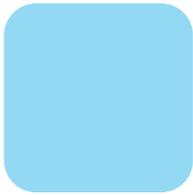
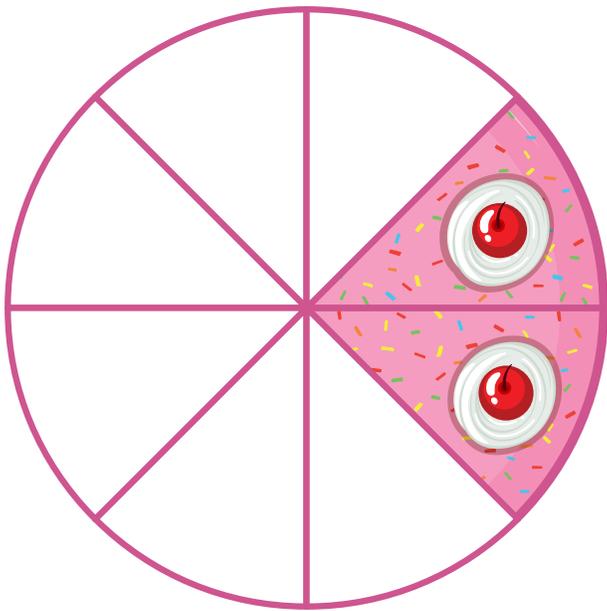
$$\frac{2}{4} = \frac{10}{20}$$

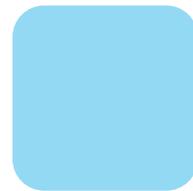
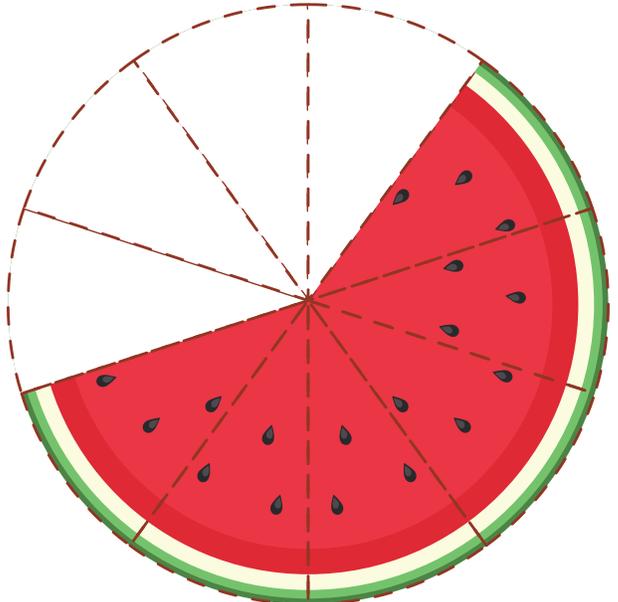
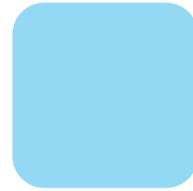
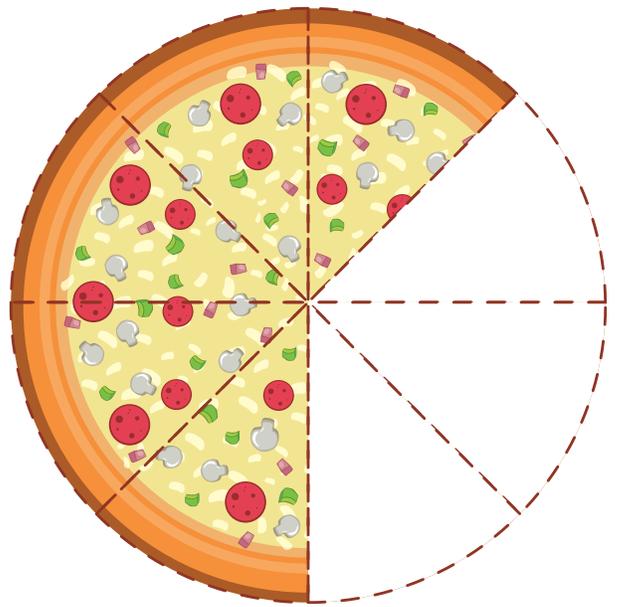
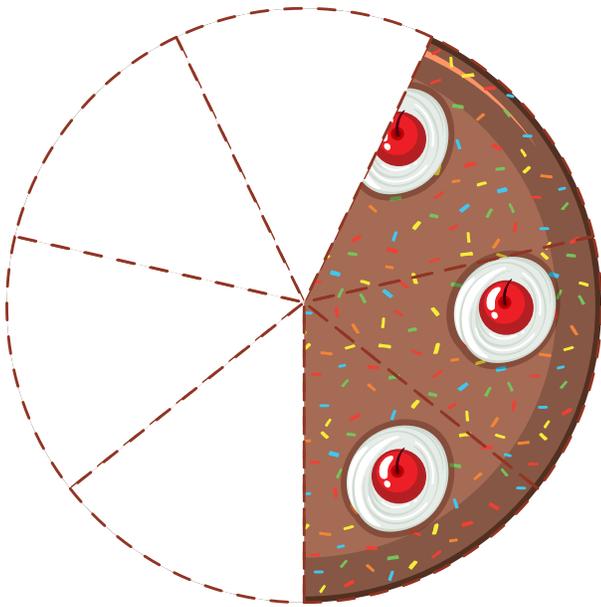
$$\frac{3}{12} = \frac{12}{36}$$

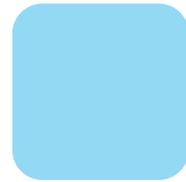
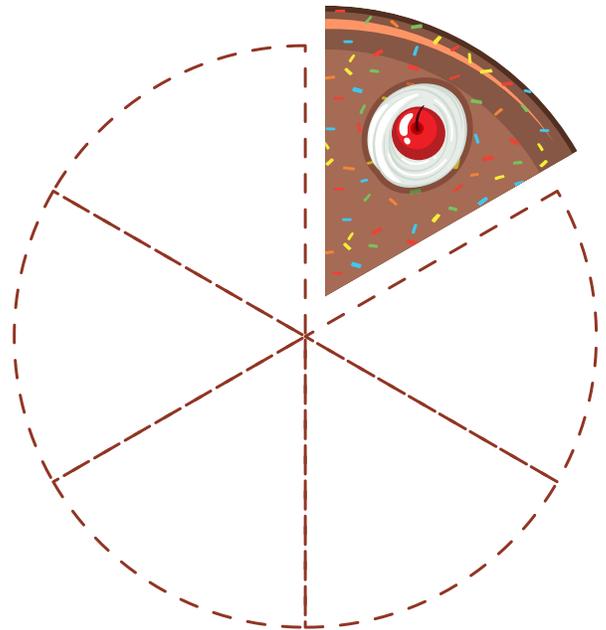
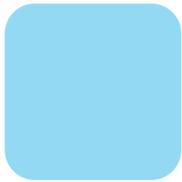
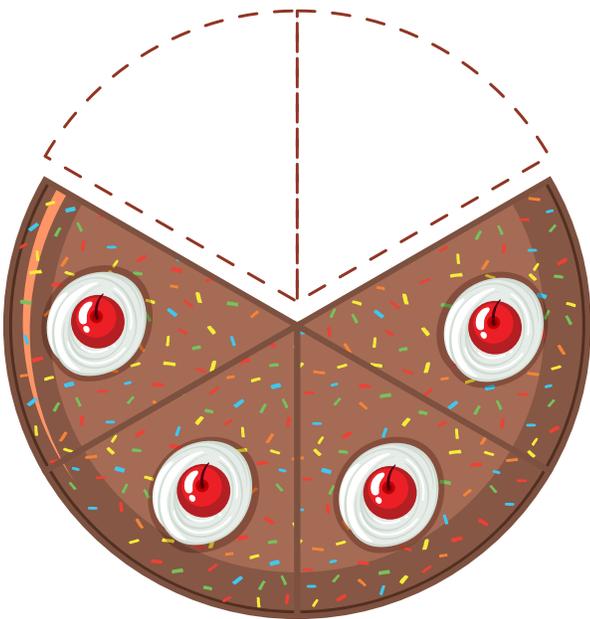
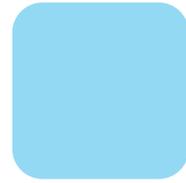
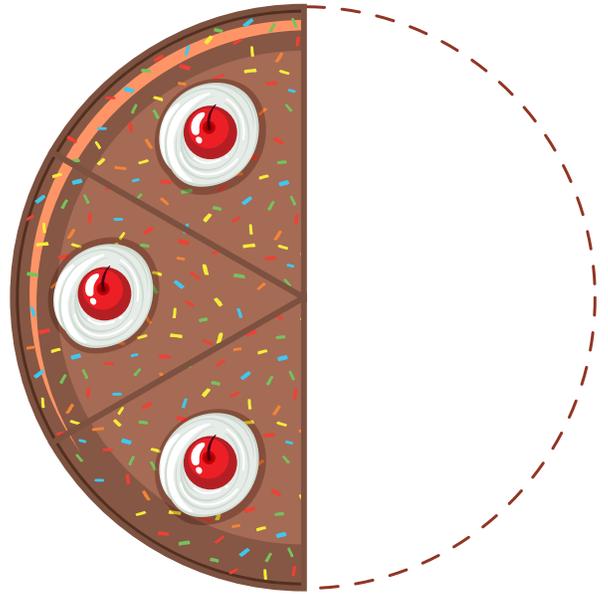
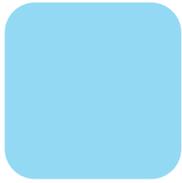
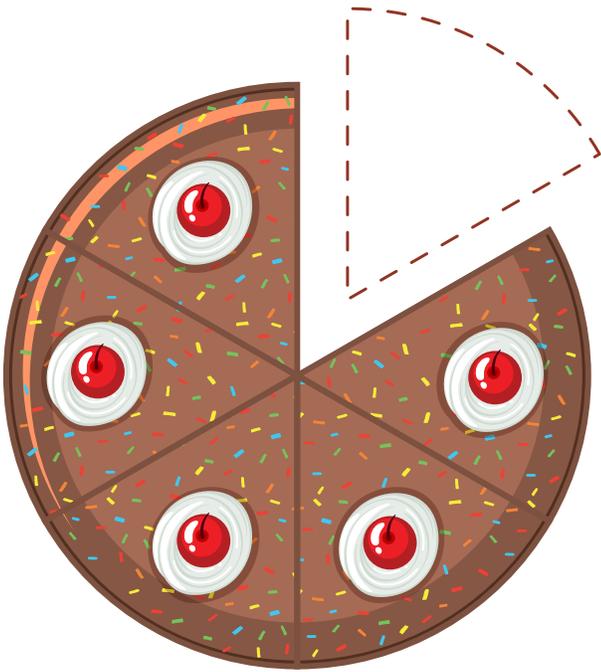
$$\frac{9}{9} = \frac{45}{36}$$

$$\frac{3}{12} = \frac{6}{24}$$

$$\frac{3}{6} = \frac{15}{30}$$







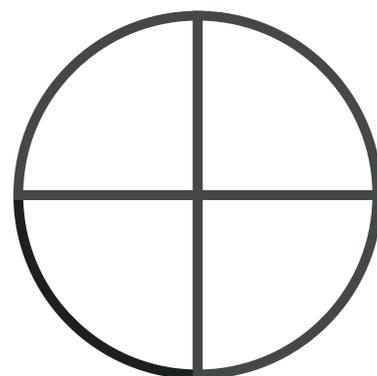
2
3

COLOR



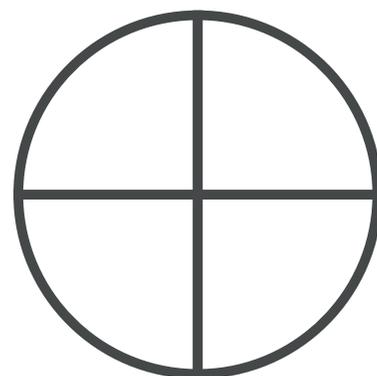
3
4

COLOR



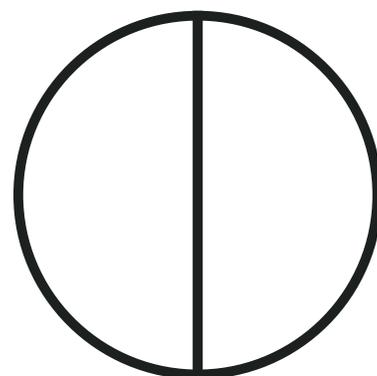
2
4

COLOR



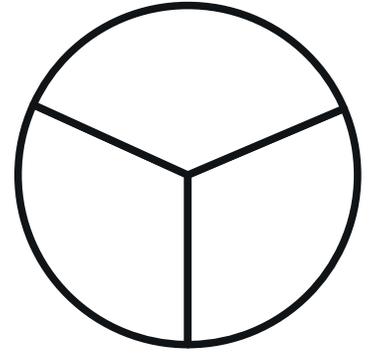
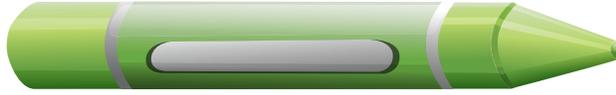
1
2

COLOR



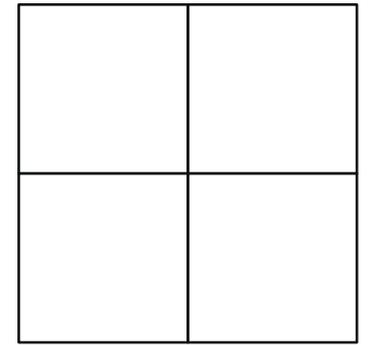
2
3

COLOR



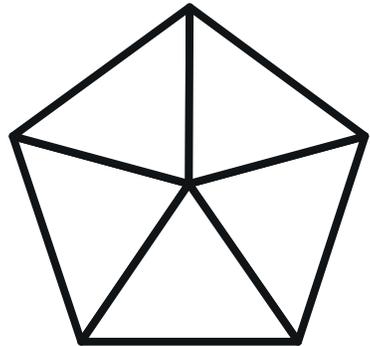
3
4

COLOR



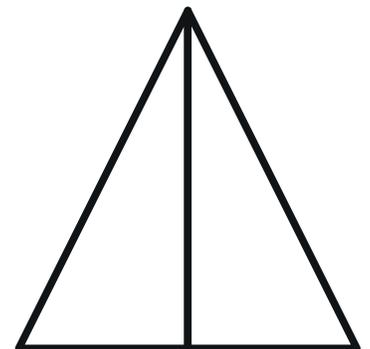
3
5

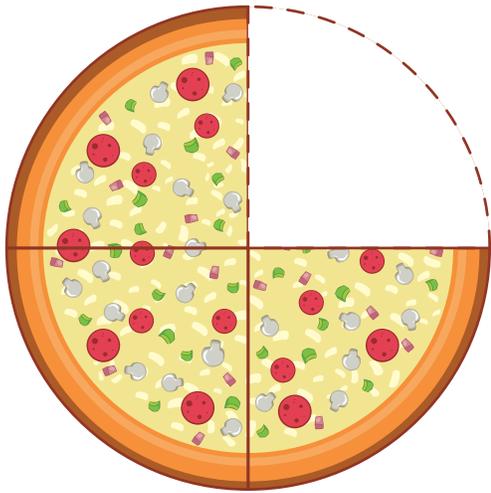
COLOR



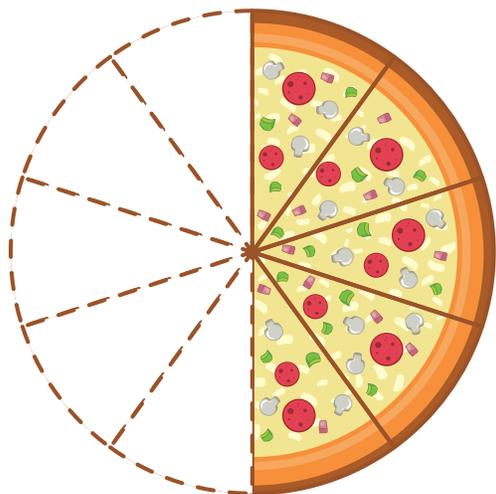
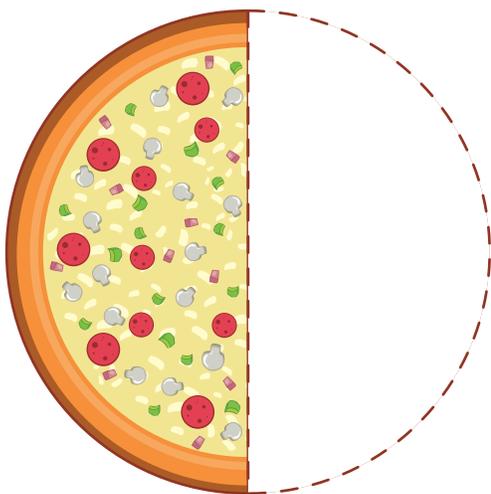
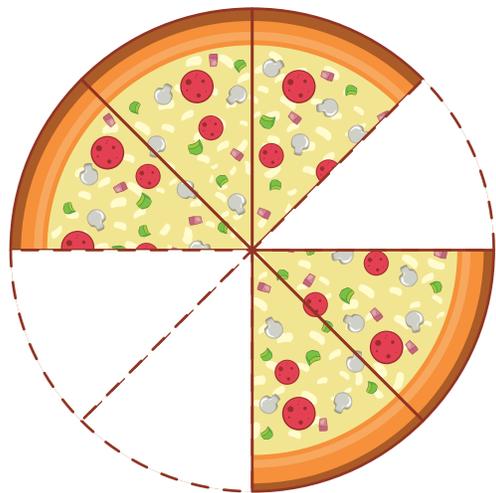
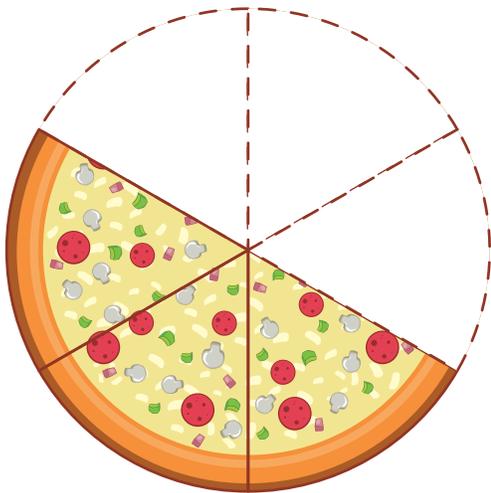
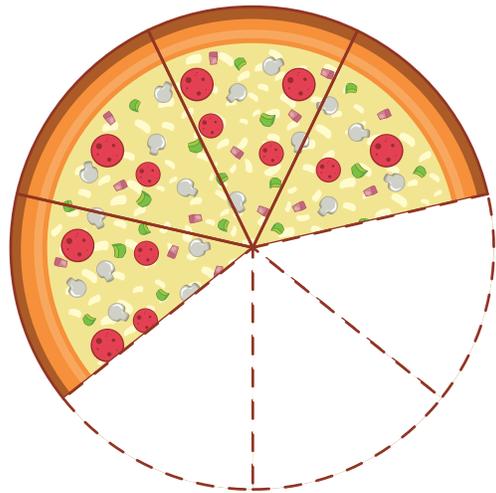
1
2

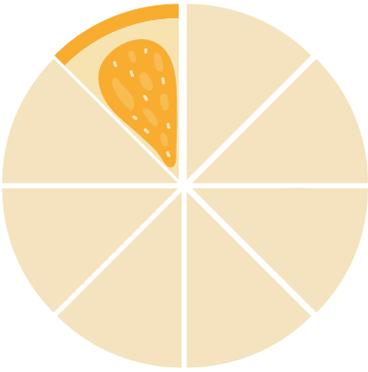
COLOR



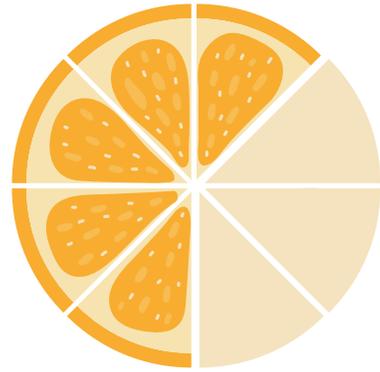


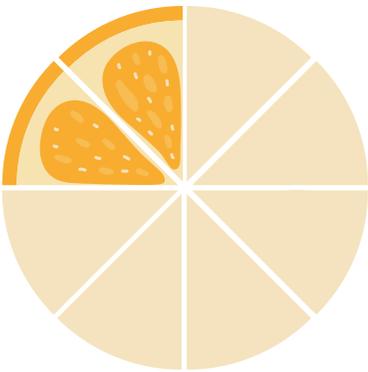
$\frac{3}{4}$

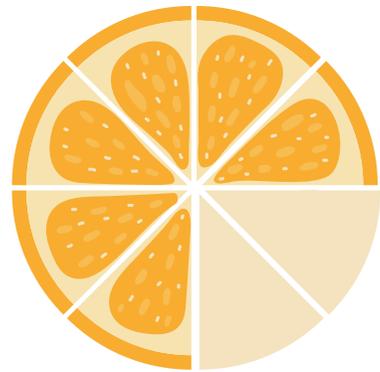


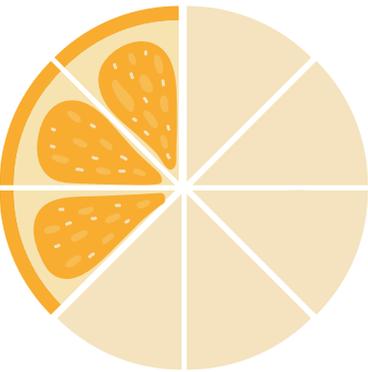


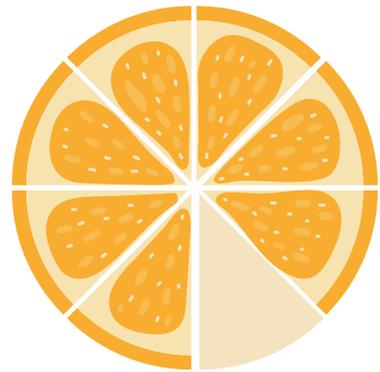
$$\frac{1}{8}$$

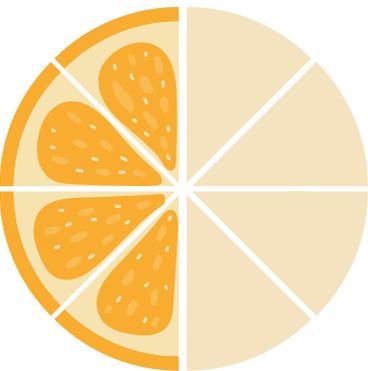


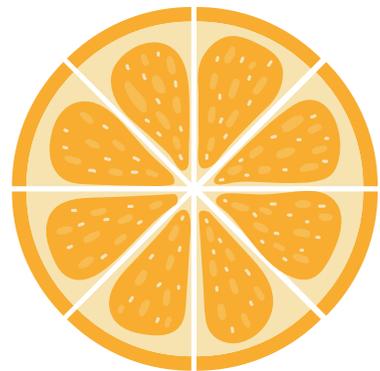


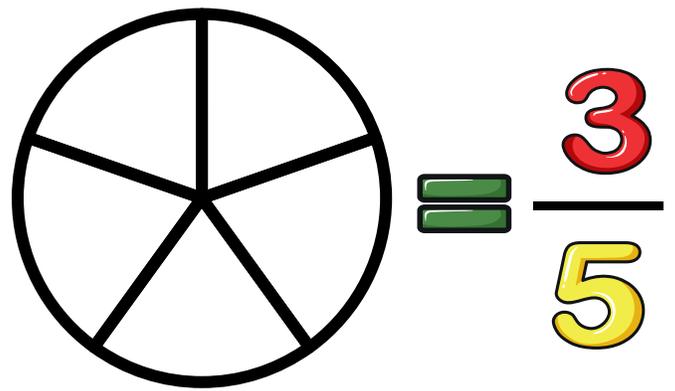
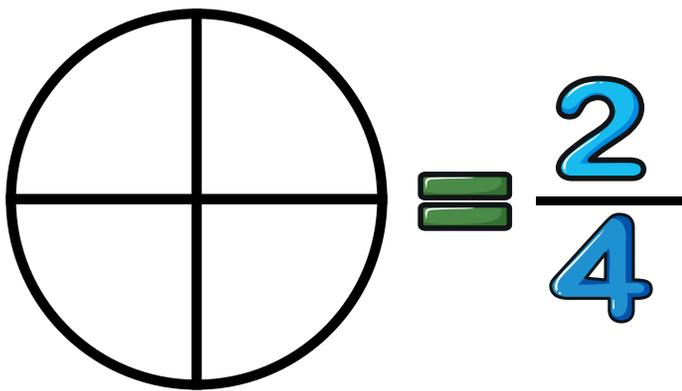
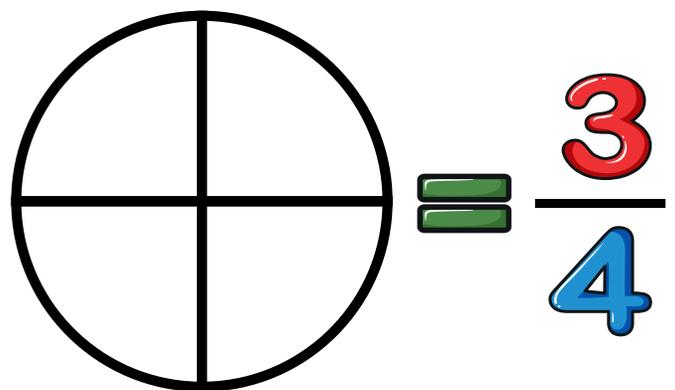
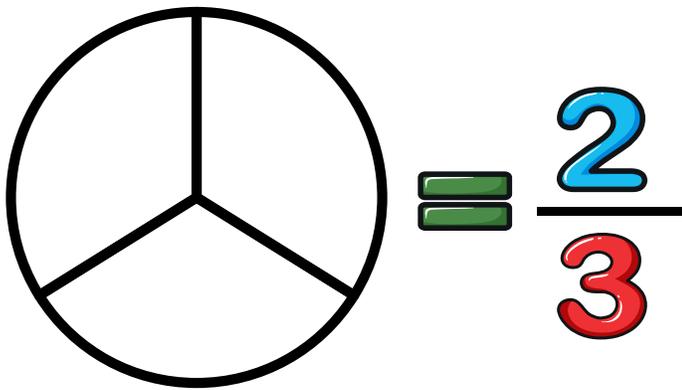
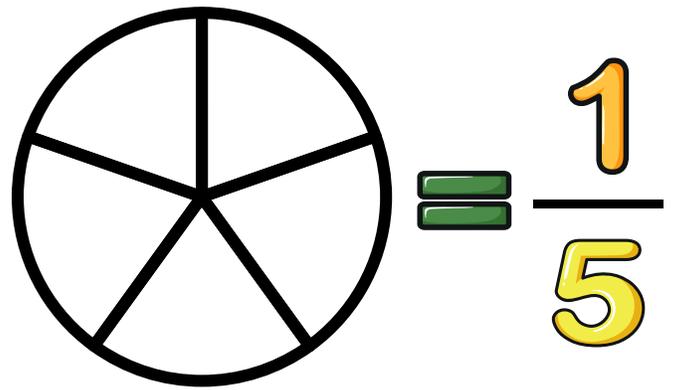
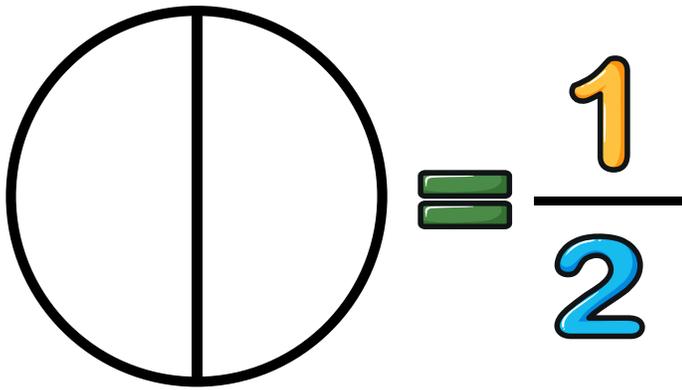


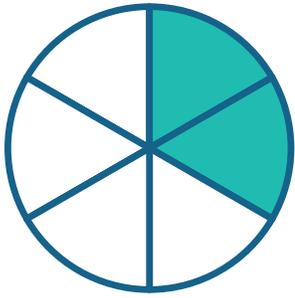




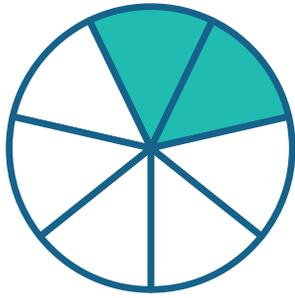




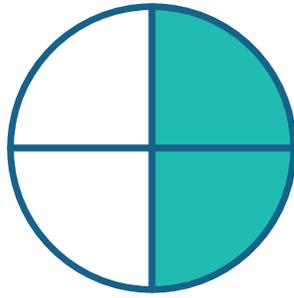




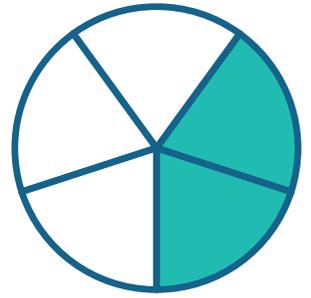
$$\frac{2}{6}$$



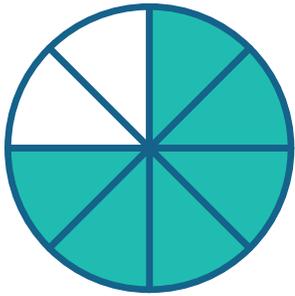
$$\frac{2}{7}$$



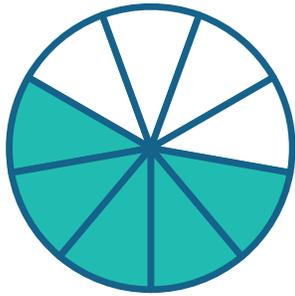
$$\frac{2}{4}$$



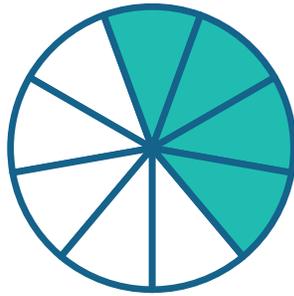
$$\frac{3}{5}$$



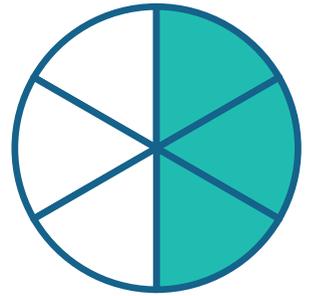
$$\frac{5}{8}$$



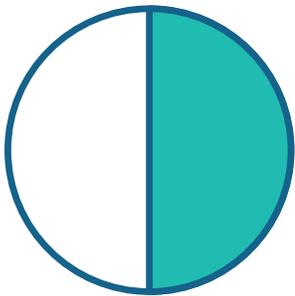
$$\frac{6}{9}$$



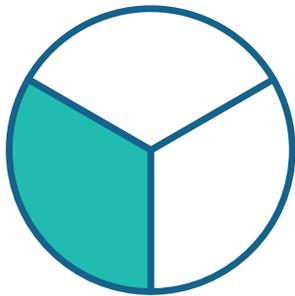
$$\frac{4}{9}$$



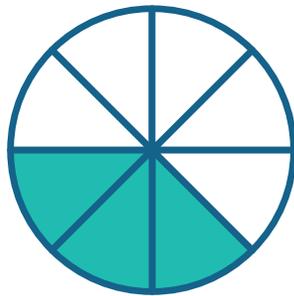
$$\frac{4}{6}$$



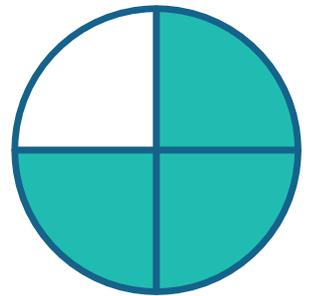
$$\frac{1}{2}$$



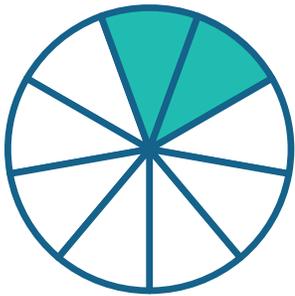
$$\frac{1}{3}$$



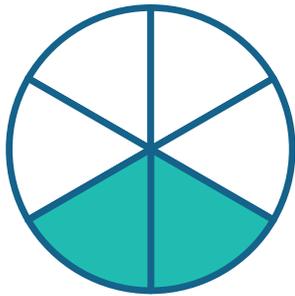
$$\frac{3}{8}$$



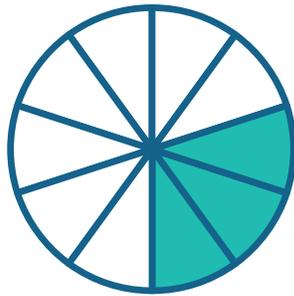
$$\frac{2}{4}$$



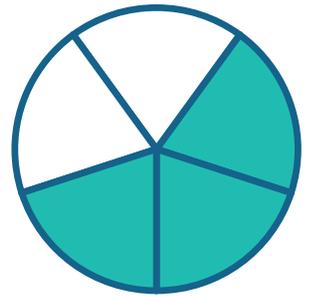
$$\frac{3}{9}$$



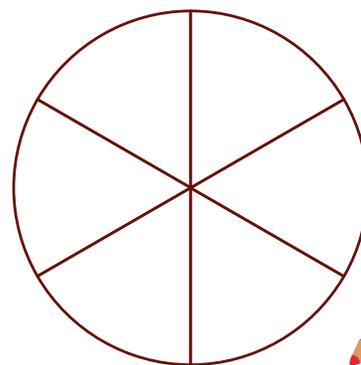
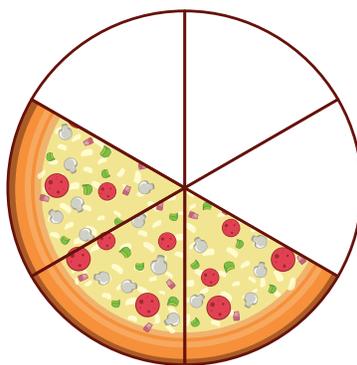
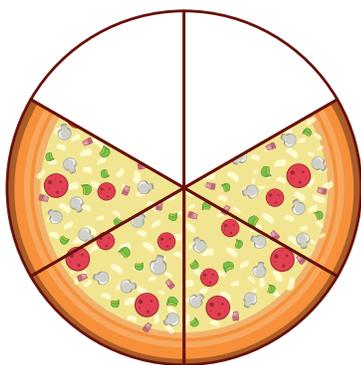
$$\frac{2}{6}$$



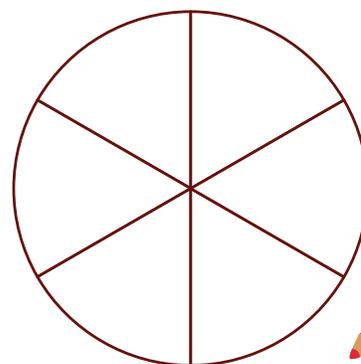
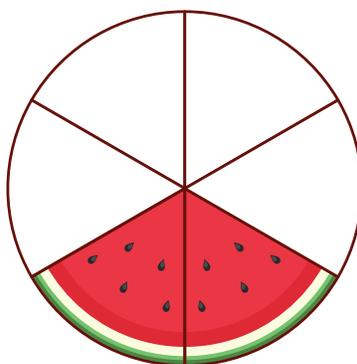
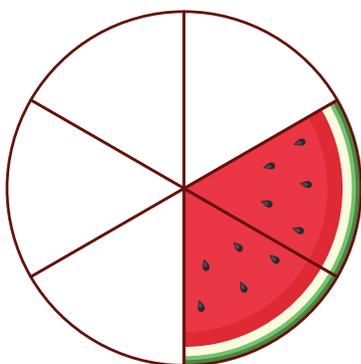
$$\frac{2}{10}$$



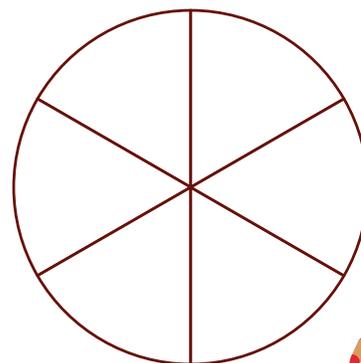
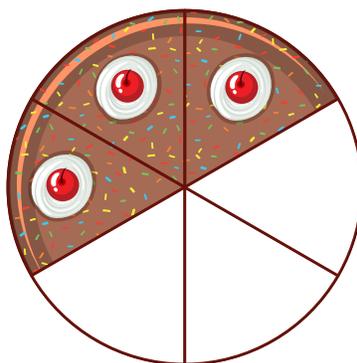
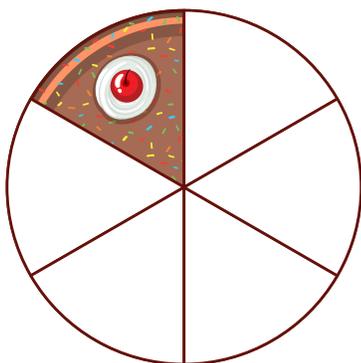
$$\frac{3}{5}$$



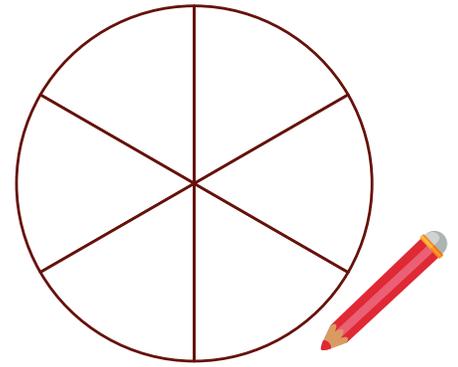
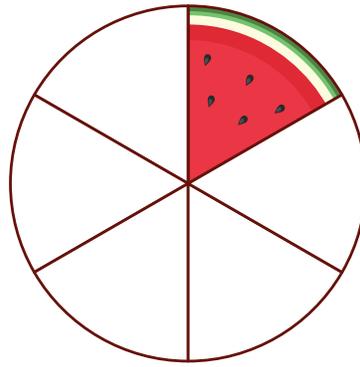
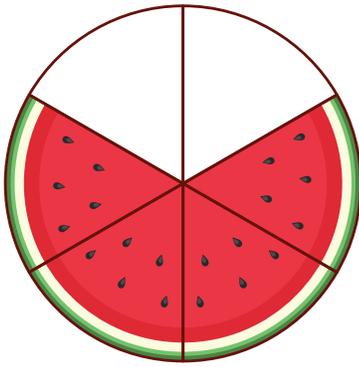
$$\frac{4}{6} + \frac{3}{6} =$$



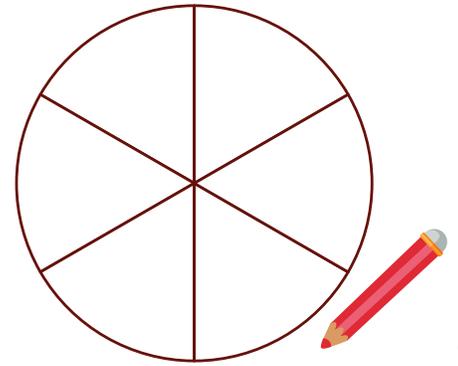
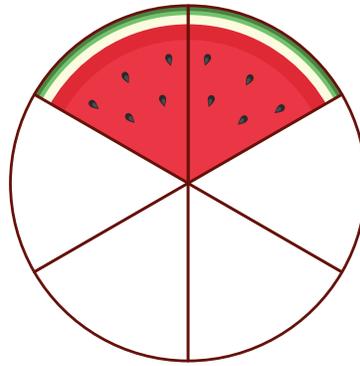
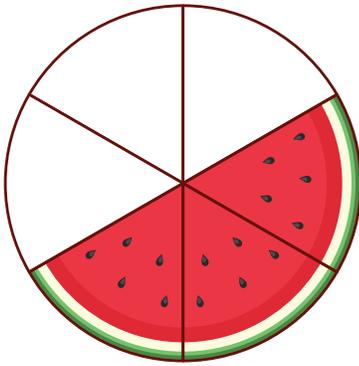
$$\frac{2}{6} + \frac{2}{6} =$$



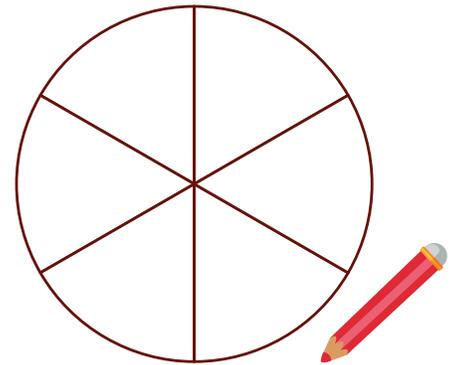
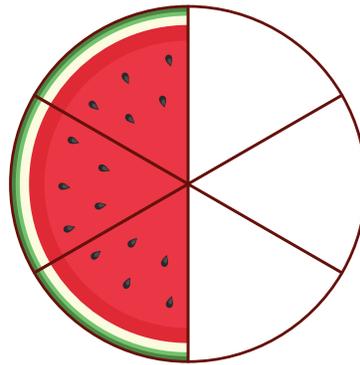
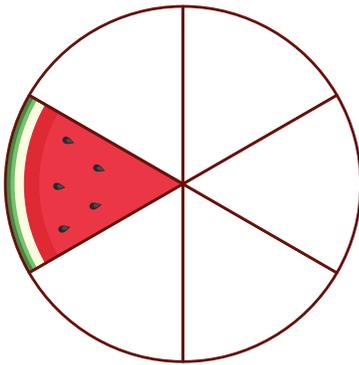
$$\frac{1}{6} + \frac{3}{6} =$$



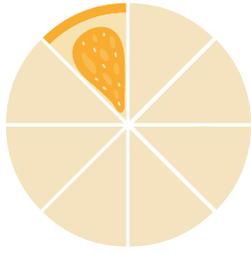
$$\frac{4}{6} + \frac{1}{6} =$$



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

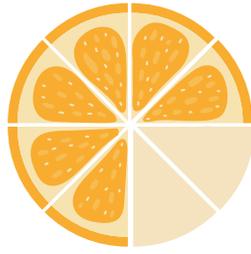


$$\frac{1}{6} + \frac{3}{6} =$$



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

+



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

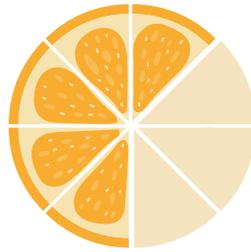
=





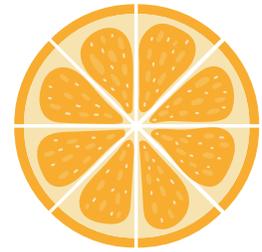
$$\frac{3}{8}$$

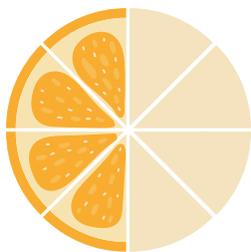
+



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

=





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

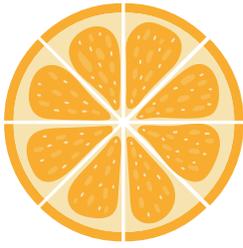
+



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

=



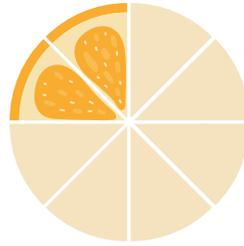


1

-

$\frac{1}{8}$

=

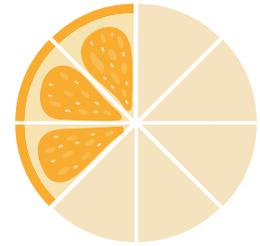
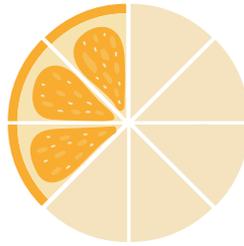


$\frac{3}{8}$

-

$\frac{1}{4}$

=



$\frac{3}{4}$

-

$\frac{3}{8}$

=

