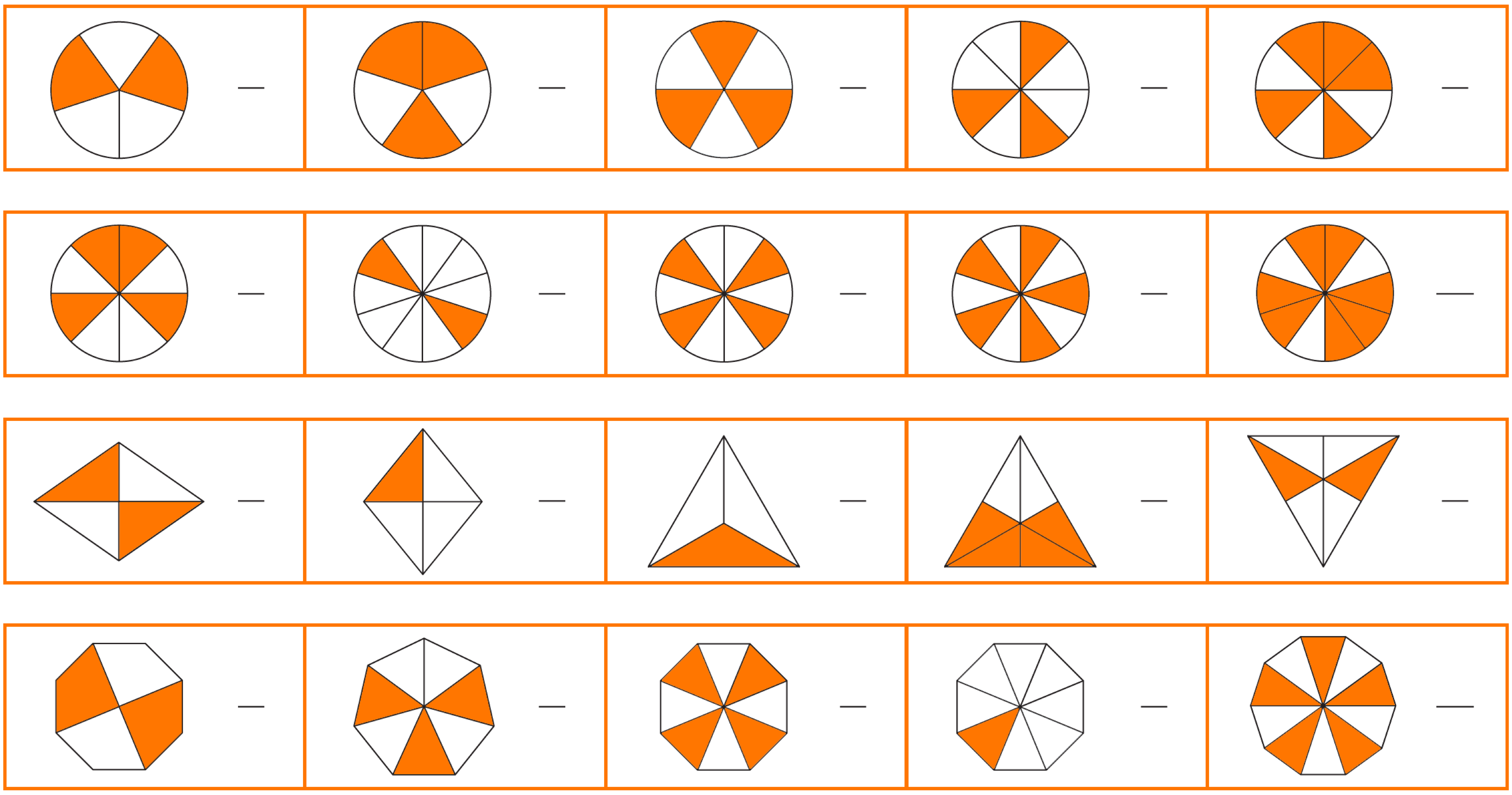
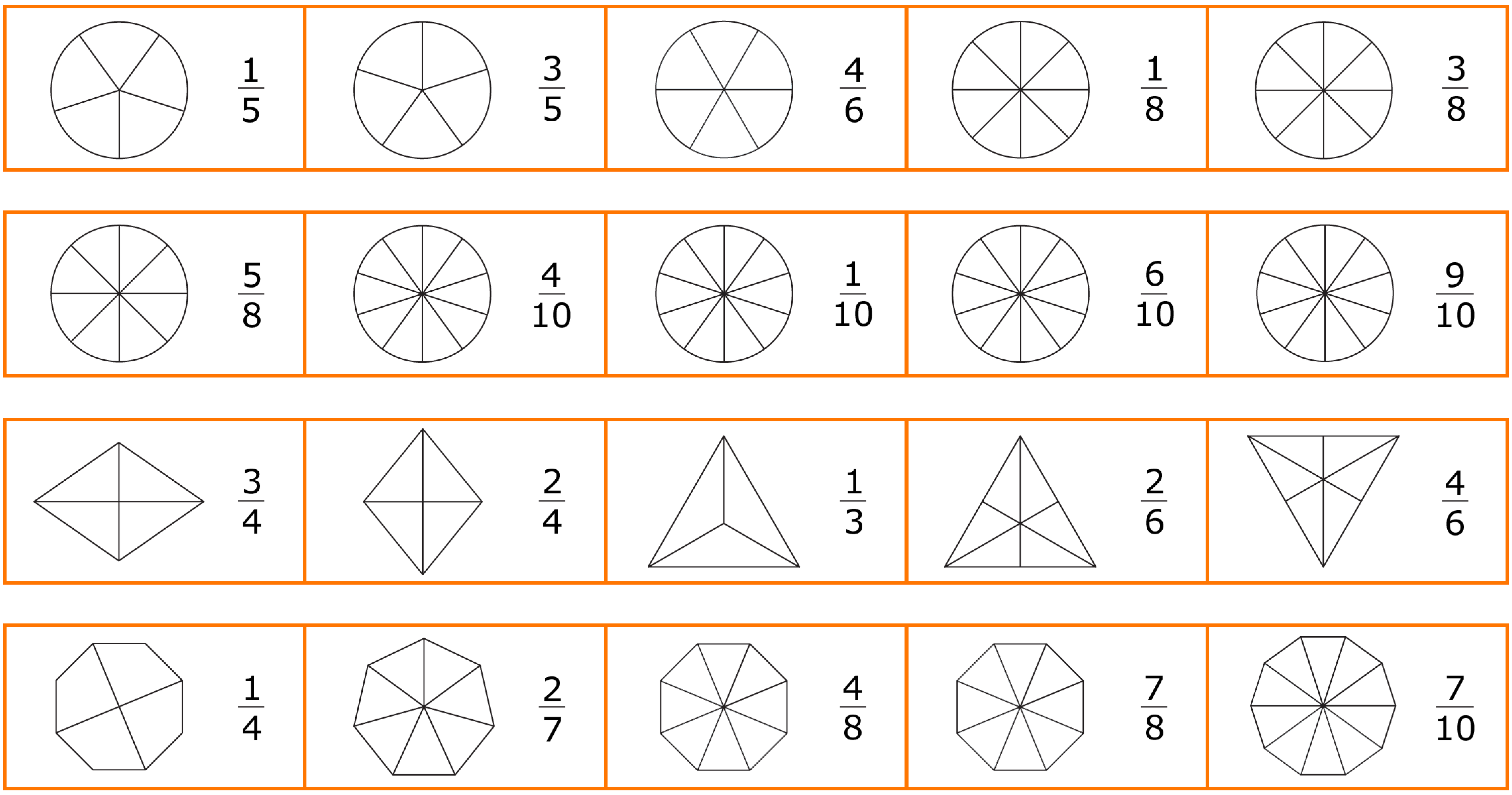
L'unità frazionaria

- Scrivi accanto ad ogni figura la frazione corrispondente alle parti colorate.



- Colora le parti indicate dalle frazioni.



Frazioni proprie, improprie ed apparenti

- **Segna le risposte esatte con una crocetta.**

  - Se il numeratore è minore del denominatore si tratta di una frazione:

  ☐ propria ☐ impropria ☐ apparente

  - Se il numeratore è maggiore del denominatore si tratta di una frazione:

  ☐ propria ☐ impropria ☐ apparente

  - Se il numeratore è un multiplo del denominatore si tratta di una frazione:

  ☐ propria ☐ impropria ☐ apparente

- **Completa l'esercizio cerchiando solo le frazioni proprie.**

$\frac{3}{5}$ $\frac{13}{9}$ $\frac{7}{8}$ $\frac{10}{11}$ $\frac{4}{3}$ $\frac{5}{5}$ $\frac{4}{8}$ $\frac{9}{5}$ $\frac{1}{2}$ $\frac{3}{2}$ $\frac{3}{6}$ $\frac{17}{12}$ $\frac{14}{7}$ $\frac{13}{15}$

- **Completa l'esercizio cerchiando solo le frazioni improprie.**

$\frac{3}{5}$ $\frac{7}{9}$ $\frac{11}{7}$ $\frac{7}{5}$ $\frac{6}{8}$ $\frac{10}{15}$ $\frac{9}{9}$ $\frac{5}{4}$ $\frac{8}{19}$ $\frac{7}{3}$ $\frac{4}{3}$ $\frac{9}{10}$ $\frac{13}{17}$ $\frac{11}{5}$

- **Completa l'esercizio cerchiando solo le frazioni apparenti.**

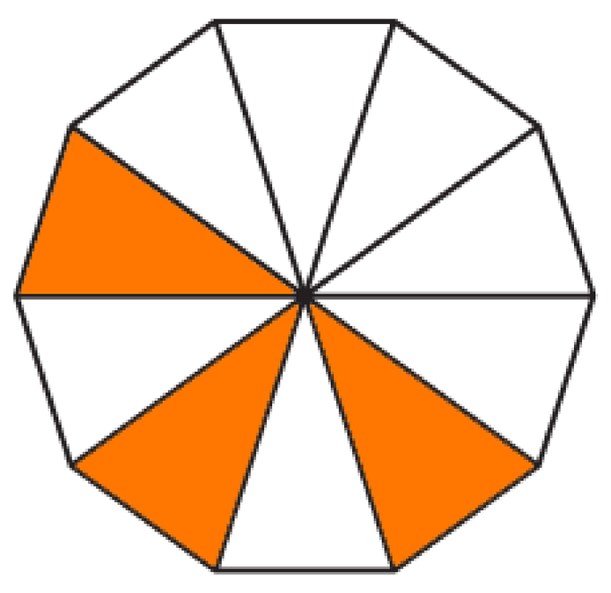
$\frac{7}{5}$ $\frac{10}{9}$ $\frac{14}{7}$ $\frac{10}{10}$ $\frac{4}{9}$ $\frac{13}{8}$ $\frac{16}{4}$ $\frac{19}{6}$ $\frac{1}{2}$ $\frac{4}{2}$ $\frac{15}{5}$ $\frac{18}{3}$ $\frac{15}{6}$ $\frac{7}{7}$

- **Completa la tabella inserendo al numeratore le giuste cifre.**

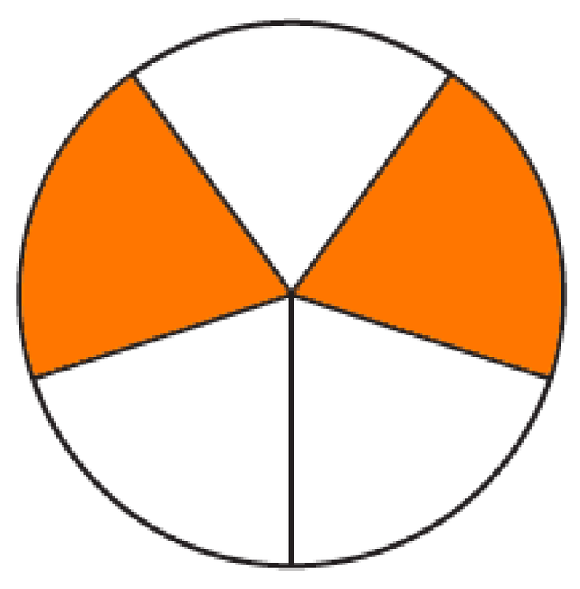
Proprie	Improprie	Apparenti	Numeri tra cui scegliere
$\frac{2}{4}$	$\frac{7}{4}$	$\frac{8}{4}$	8 - 2 - 7
$\frac{\quad}{12}$	$\frac{\quad}{12}$	$\frac{\quad}{12}$	9 - 12 - 15
$\frac{\quad}{15}$	$\frac{\quad}{15}$	$\frac{\quad}{15}$	25 - 30 - 12
$\frac{\quad}{9}$	$\frac{\quad}{9}$	$\frac{\quad}{9}$	27 - 19 - 3
$\frac{\quad}{7}$	$\frac{\quad}{7}$	$\frac{\quad}{7}$	6 - 8 - 7

Le frazioni complementari

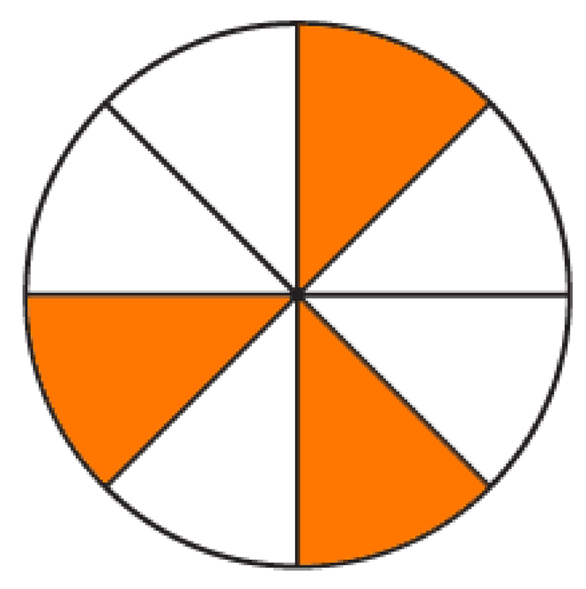
- Scrivi la frazione che corrisponde alla parte colorata e alla parte bianca. Infine scrivi a quale frazione corrisponde l'intero.



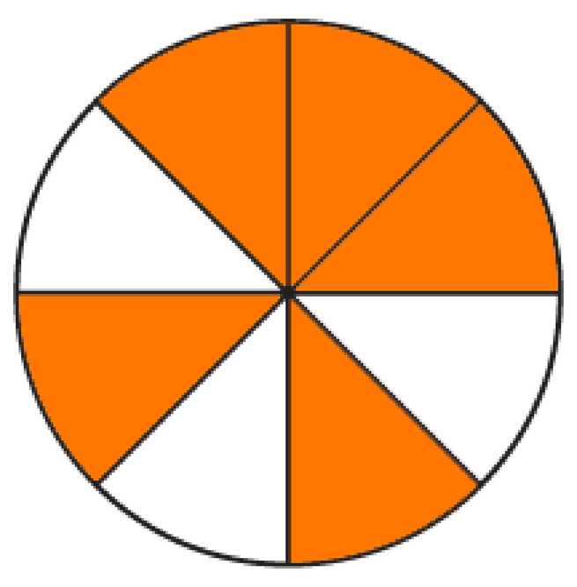
$\frac{3}{10}+\frac{7}{10}=\frac{10}{10}=1$



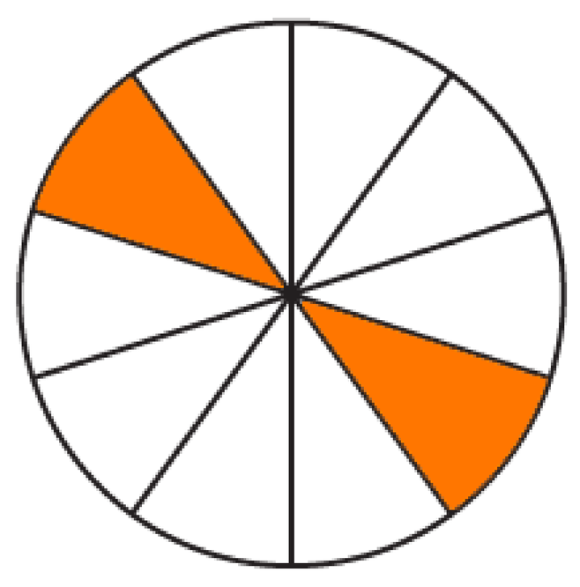
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



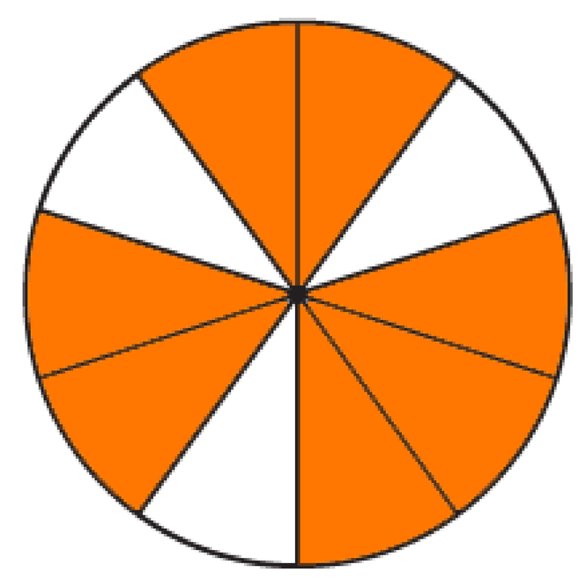
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



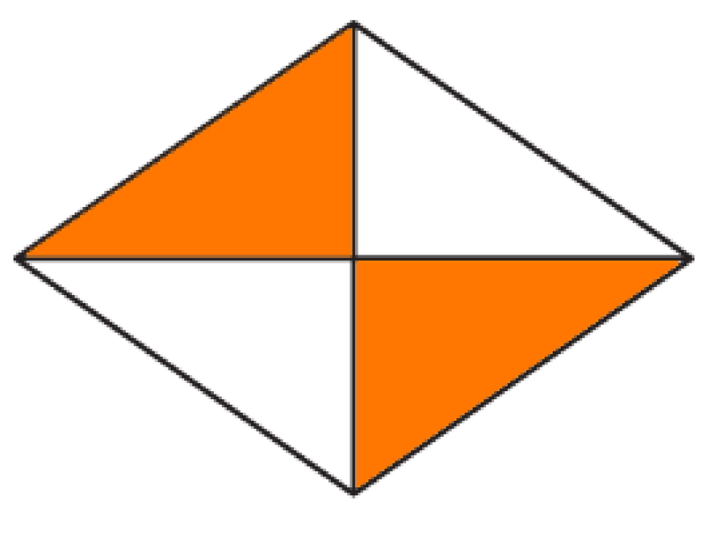
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



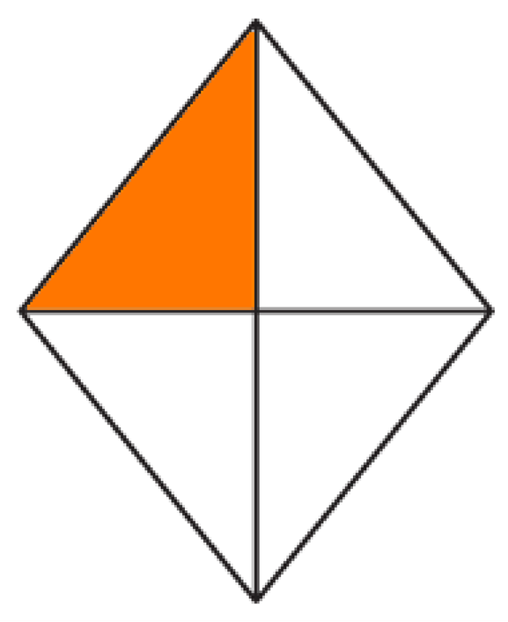
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



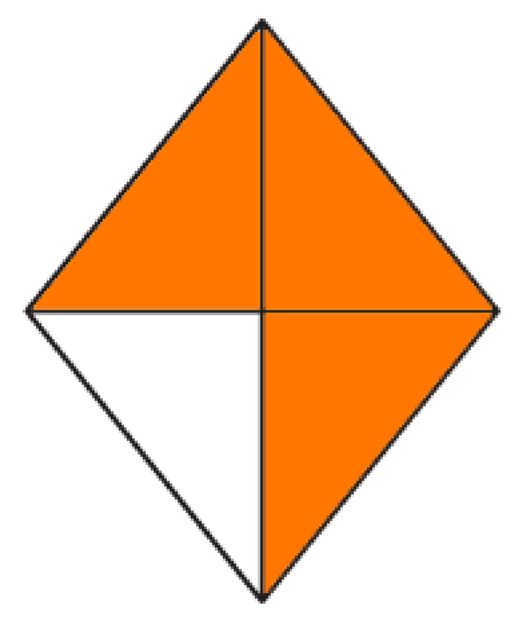
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



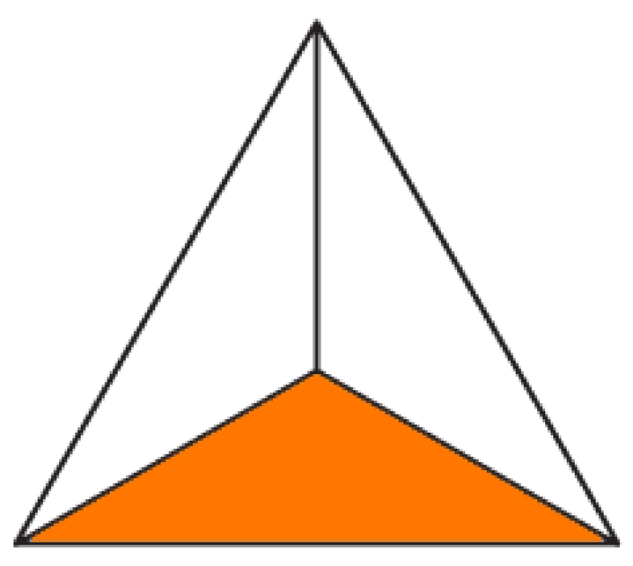
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



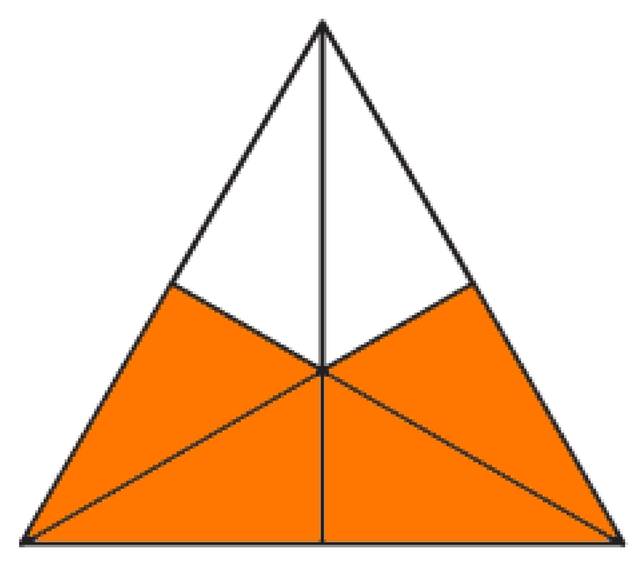
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



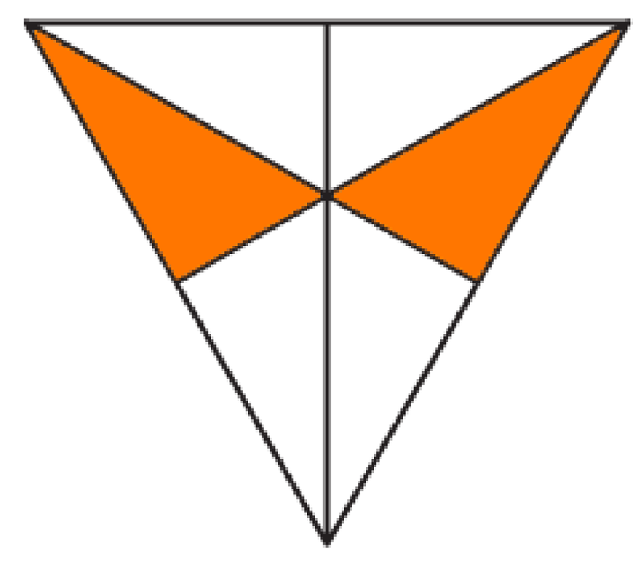
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



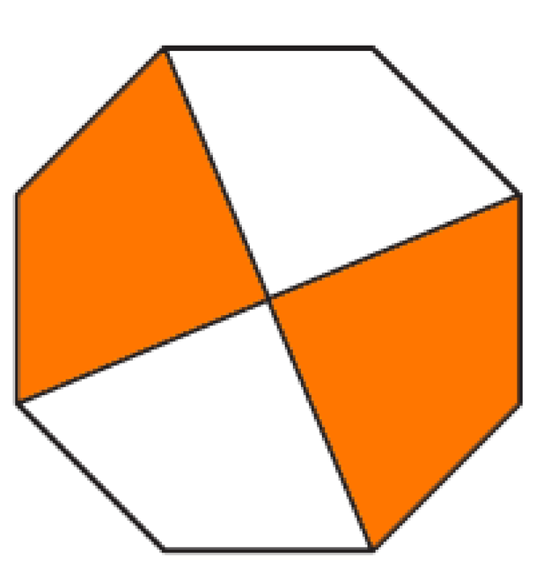
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



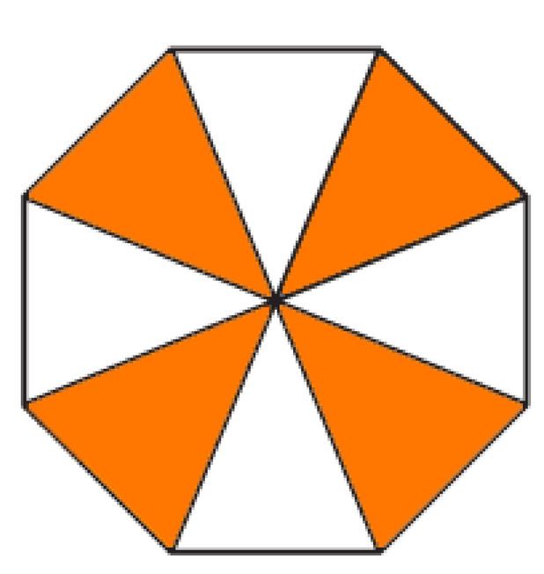
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



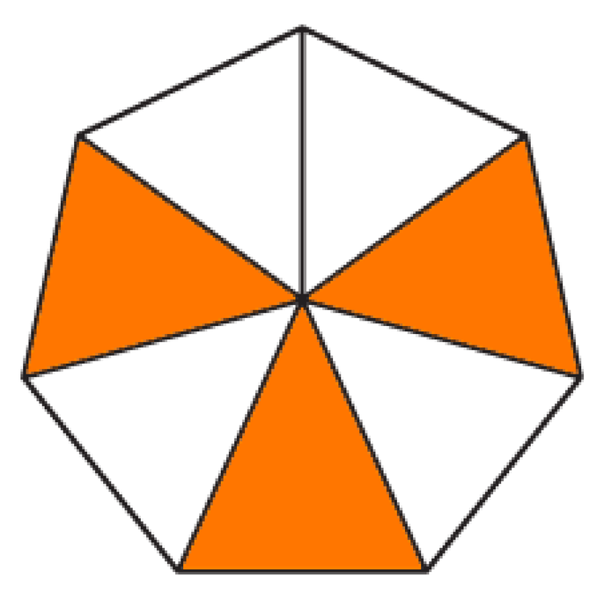
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



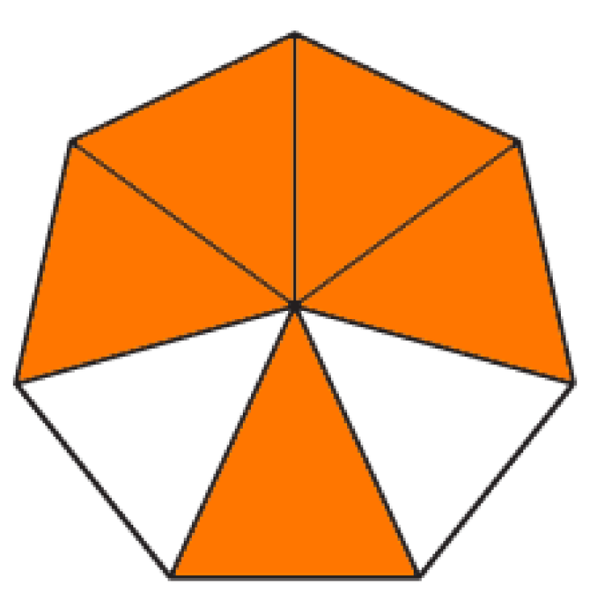
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



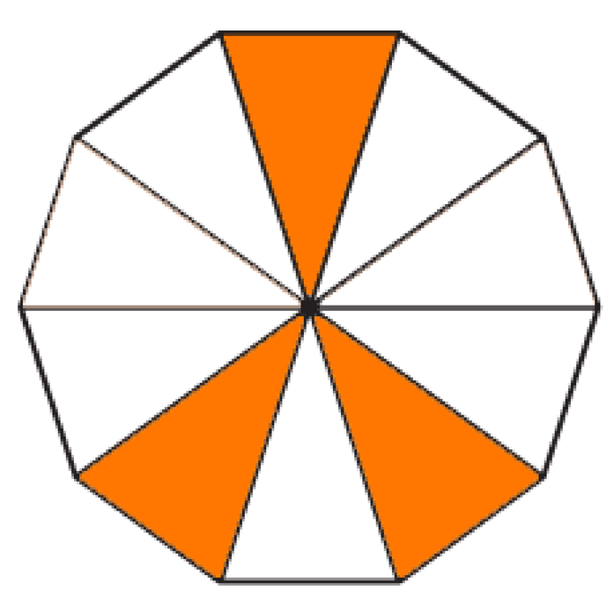
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



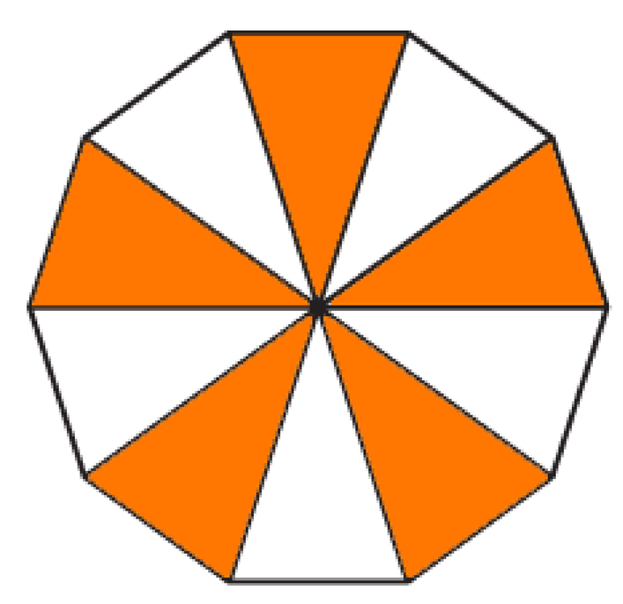
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$



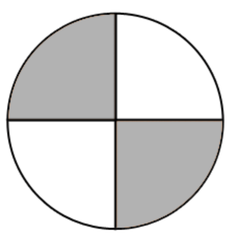
$\frac{.....}{.....}+\frac{.....}{.....}=\frac{.....}{.....}=1$

- Per ogni frazione data indica la sua frazione complementare.

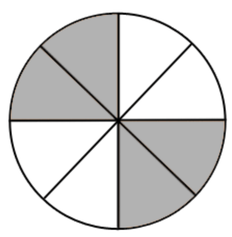
$\frac{4}{7}=\frac{.....}{.....}$	$\frac{3}{5}=\frac{.....}{.....}$	$\frac{3}{9}=\frac{.....}{.....}$	$\frac{6}{11}=\frac{.....}{.....}$	$\frac{5}{14}=\frac{.....}{.....}$	$\frac{7}{10}=\frac{.....}{.....}$	$\frac{2}{8}=\frac{.....}{.....}$
$\frac{3}{7}=\frac{.....}{.....}$	$\frac{5}{8}=\frac{.....}{.....}$	$\frac{3}{4}=\frac{.....}{.....}$	$\frac{6}{10}=\frac{.....}{.....}$	$\frac{5}{9}=\frac{.....}{.....}$	$\frac{7}{12}=\frac{.....}{.....}$	$\frac{2}{9}=\frac{.....}{.....}$
$\frac{4}{10}=\frac{.....}{.....}$	$\frac{6}{14}=\frac{.....}{.....}$	$\frac{3}{8}=\frac{.....}{.....}$	$\frac{9}{12}=\frac{.....}{.....}$	$\frac{10}{11}=\frac{.....}{.....}$	$\frac{9}{14}=\frac{.....}{.....}$	$\frac{8}{9}=\frac{.....}{.....}$
$\frac{6}{7}=\frac{.....}{.....}$	$\frac{1}{11}=\frac{.....}{.....}$	$\frac{6}{9}=\frac{.....}{.....}$	$\frac{7}{11}=\frac{.....}{.....}$	$\frac{7}{9}=\frac{.....}{.....}$	$\frac{12}{14}=\frac{.....}{.....}$	$\frac{8}{10}=\frac{.....}{.....}$

Le frazioni equivalenti

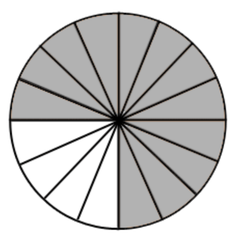
- Osserva le figure geometriche ed esegui le operazioni per calcolare le frazioni equivalenti a quelle date.



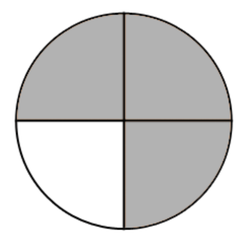
$\frac{2}{4} \rightarrow \frac{x\ 2}{x\ 2} = \frac{\quad}{\quad}$



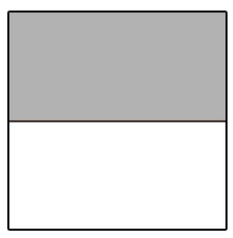
La frazione 2/4 è equivalente a .....



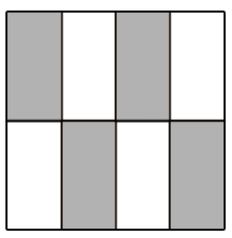
$\frac{12}{16} \rightarrow \frac{:\ 4}{:\ 4} = \frac{\quad}{\quad}$



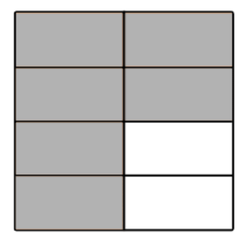
La frazione 12/16 è equivalente a .....



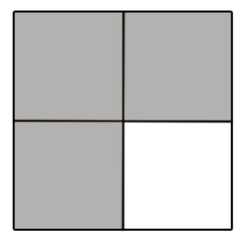
$\frac{1}{2} \rightarrow \frac{x\ 4}{x\ 4} = \frac{\quad}{\quad}$



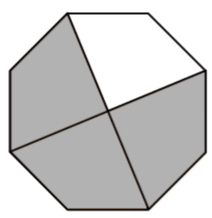
La frazione 1/2 è equivalente a .....



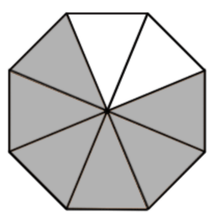
$\frac{6}{8} \rightarrow \frac{:\ 2}{:\ 2} = \frac{\quad}{\quad}$



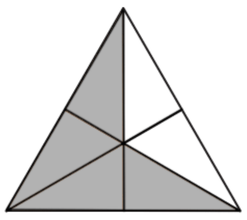
La frazione 6/8 è equivalente a .....



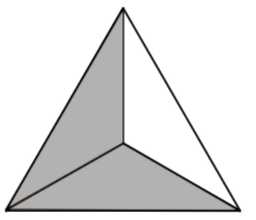
$\frac{3}{4} \rightarrow \frac{x\ 2}{x\ 2} = \frac{\quad}{\quad}$



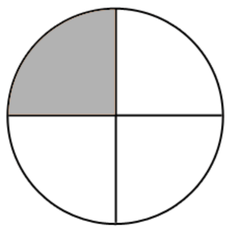
La frazione 3/4 è equivalente a .....



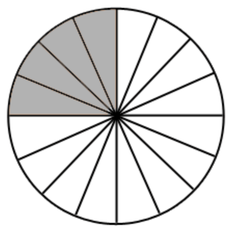
$\frac{4}{6} \rightarrow \frac{:\ 2}{:\ 2} = \frac{\quad}{\quad}$



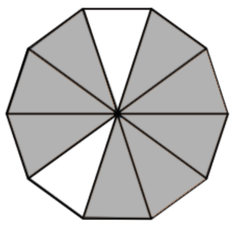
La frazione 4/6 è equivalente a .....



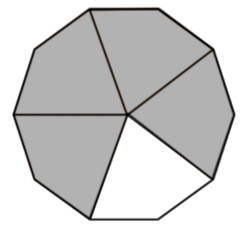
$\frac{1}{4} \rightarrow \frac{x\ 4}{x\ 4} = \frac{\quad}{\quad}$



La frazione 1/4 è equivalente a .....



$\frac{8}{10} \rightarrow \frac{:\ 2}{:\ 2} = \frac{\quad}{\quad}$



La frazione 8/10 è equivalente a .....

- Trova una frazione equivalente per ciascuna delle seguenti frazioni.

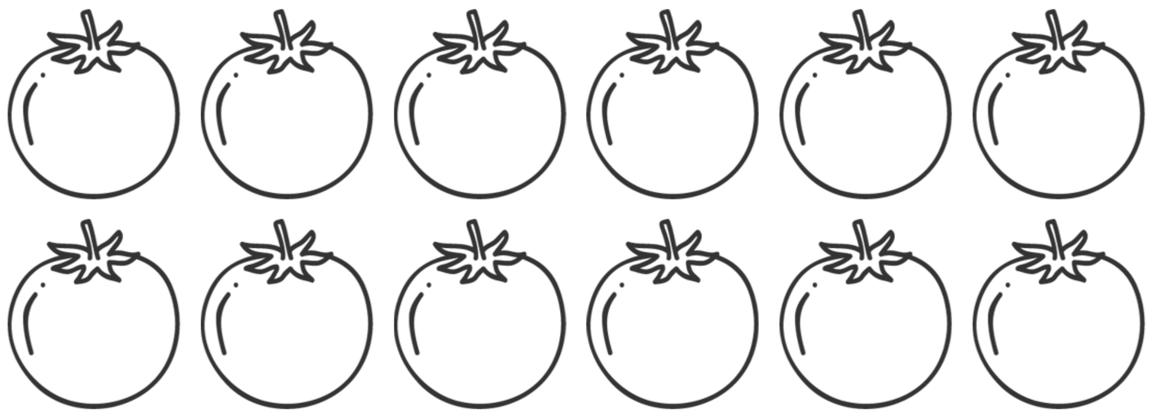
$\frac{2}{3} = \frac{\quad}{\quad}$	$\frac{6}{9} = \frac{\quad}{\quad}$	$\frac{2}{6} = \frac{\quad}{\quad}$	$\frac{4}{20} = \frac{\quad}{\quad}$	$\frac{9}{12} = \frac{\quad}{\quad}$	$\frac{14}{21} = \frac{\quad}{\quad}$	$\frac{12}{14} = \frac{\quad}{\quad}$
$\frac{2}{4} = \frac{\quad}{\quad}$	$\frac{2}{10} = \frac{\quad}{\quad}$	$\frac{4}{8} = \frac{\quad}{\quad}$	$\frac{8}{10} = \frac{\quad}{\quad}$	$\frac{10}{15} = \frac{\quad}{\quad}$	$\frac{4}{16} = \frac{\quad}{\quad}$	$\frac{7}{21} = \frac{\quad}{\quad}$
$\frac{8}{10} = \frac{\quad}{\quad}$	$\frac{4}{12} = \frac{\quad}{\quad}$	$\frac{5}{10} = \frac{\quad}{\quad}$	$\frac{6}{14} = \frac{\quad}{\quad}$	$\frac{12}{18} = \frac{\quad}{\quad}$	$\frac{9}{18} = \frac{\quad}{\quad}$	$\frac{8}{16} = \frac{\quad}{\quad}$
$\frac{3}{6} = \frac{\quad}{\quad}$	$\frac{3}{15} = \frac{\quad}{\quad}$	$\frac{6}{18} = \frac{\quad}{\quad}$	$\frac{12}{16} = \frac{\quad}{\quad}$	$\frac{4}{6} = \frac{\quad}{\quad}$	$\frac{6}{12} = \frac{\quad}{\quad}$	$\frac{10}{12} = \frac{\quad}{\quad}$

La frazione di un numero

- Calcola il valore di ogni frazione e colora la parte corrispondente.

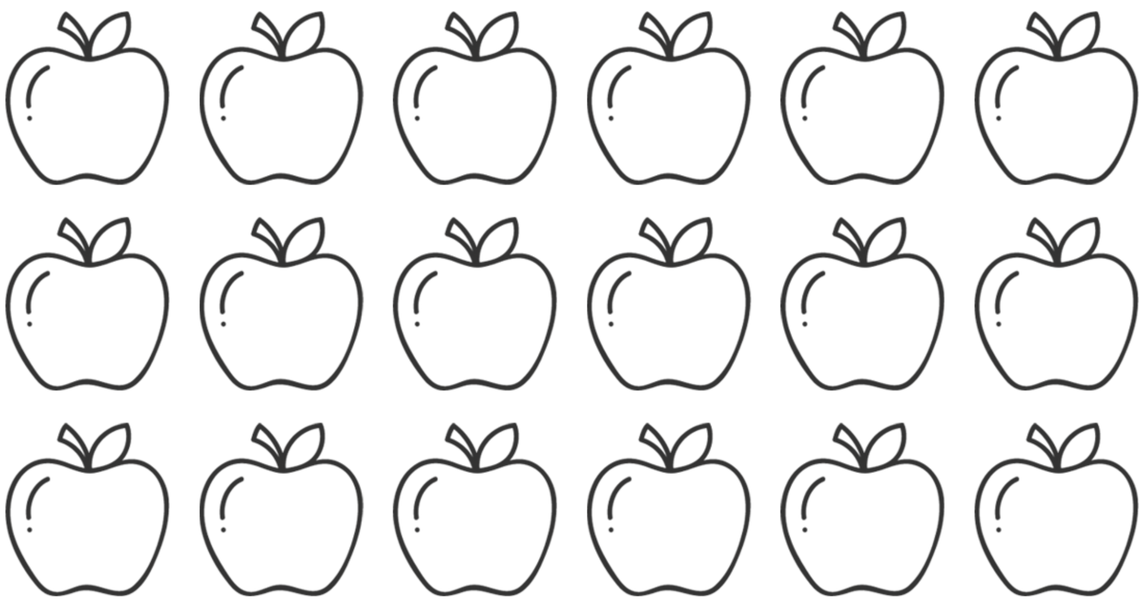
$\frac{1}{4}$ di 8 → ..... : ..... = ...

→ ..... x ..... = ...



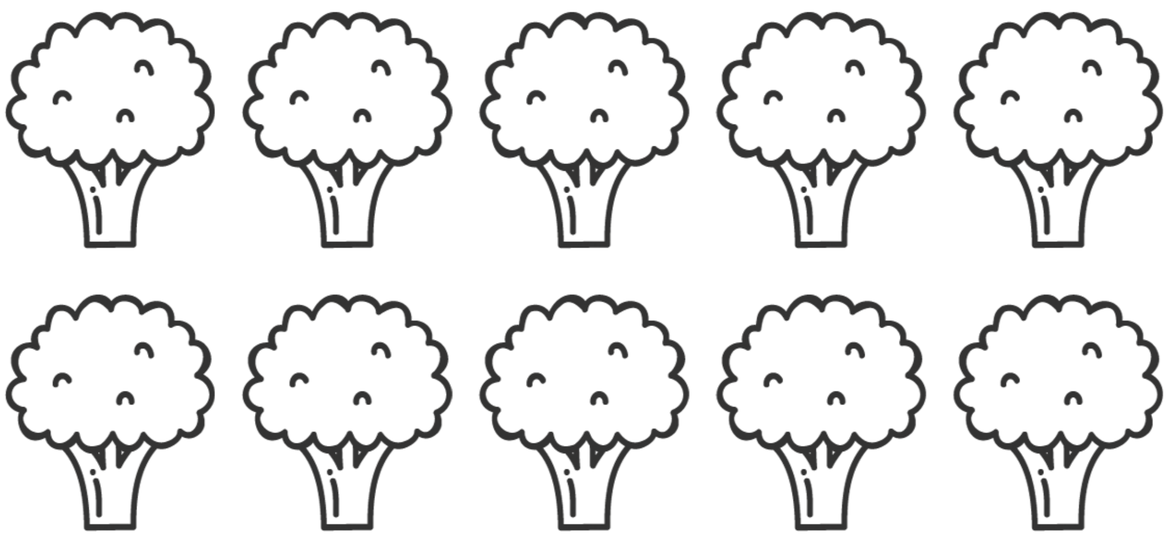
$\frac{2}{4}$ di 12 → ..... : ..... = ...

→ ..... x ..... = ...



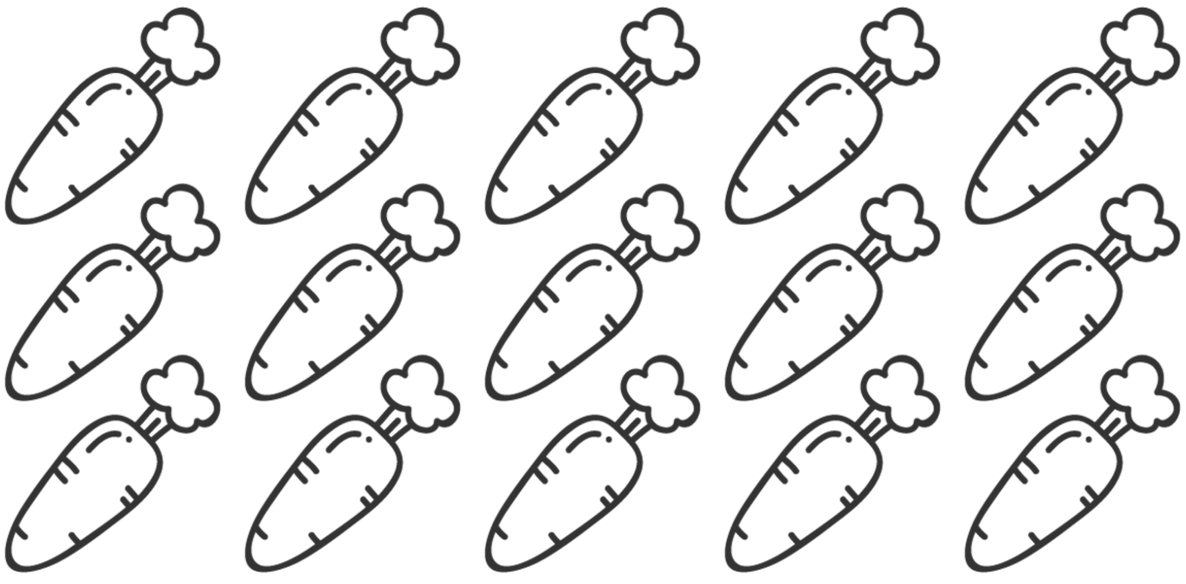
$\frac{2}{6}$ di 18 → ..... : ..... = ...

→ ..... x ..... = ...



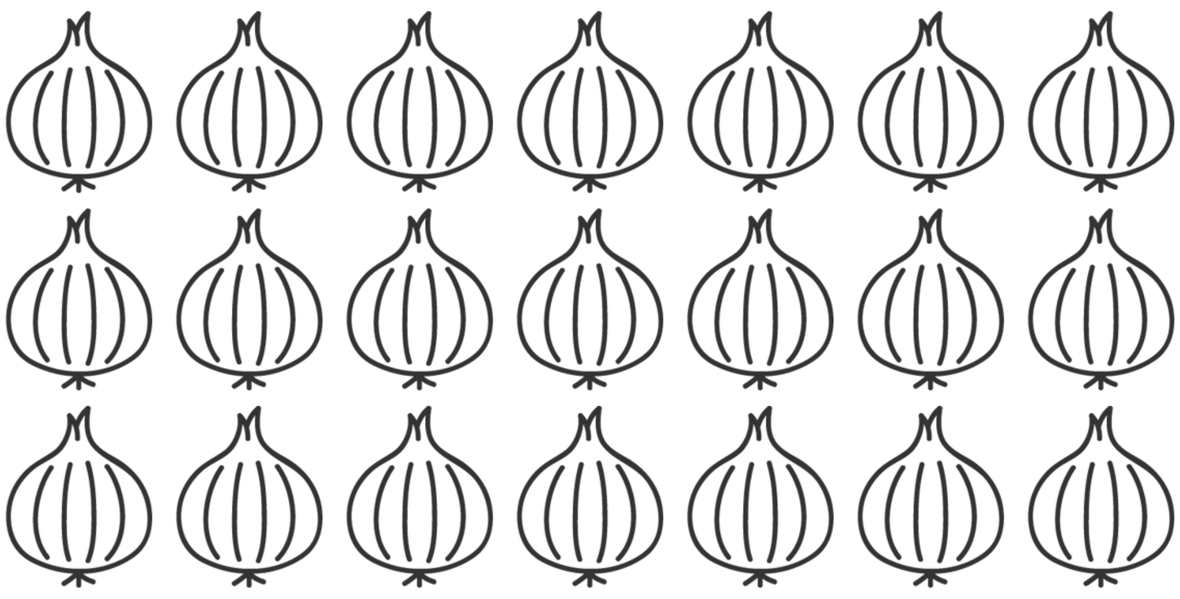
$\frac{3}{5}$ di 10 → ..... : ..... = ...

→ ..... x ..... = ...



$\frac{4}{5}$ di 15 → ..... : ..... = ...

→ ..... x ..... = ...



$\frac{4}{7}$ di 21 → ..... : ..... = ...

→ ..... x ..... = ...

Le frazioni decimali

- Per ogni frazione sottolinea il numero decimale corrispondente.

$\frac{4}{10}$ = 4,0 - 0,4 - 40 - 0,04	$\frac{8}{1000}$ = 0,8 - 80 - 0,008 - 0,08
$\frac{32}{10}$ = 32 - 0,32 - 3,2 - 0,032	$\frac{121}{1000}$ = 12,1 - 121 - 0,121 - 1,12
$\frac{7}{100}$ = 0,07 - 70 - 0,7 - 0,007	$\frac{19}{100}$ = 0,019 - 1,9 - 19,0 - 0,19
$\frac{55}{10}$ = 55 - 0,55 - 0,055 - 5,5	$\frac{60}{1000}$ = 60 - 0,6 - 0,60 - 0,06
$\frac{111}{10}$ = 11,1 - 111 - 11,11 - 0,111	$\frac{34}{1000}$ = 0,034 - 0,34 - 3,4 - 34
$\frac{76}{100}$ = 0,76 - 0,076 - 76 - 7,6	$\frac{777}{1000}$ = 777 - 77,7 - 0,777 - 7,77

- Scrivi il numero decimale corrispondente ad ogni frazione.

$\frac{5}{10}$ =	$\frac{14}{10}$ =	$\frac{123}{1000}$ =	$\frac{66}{100}$ =
$\frac{7}{100}$ =	$\frac{666}{1000}$ =	$\frac{334}{10}$ =	$\frac{81}{100}$ =
$\frac{40}{10}$ =	$\frac{75}{1000}$ =	$\frac{2}{1000}$ =	$\frac{456}{100}$ =

- Scrivi la frazione corrispondente ad ogni numero decimale.

0,3 =	7,3 =	18,5 =	10,5 =
55,1 =	0,36 =	0,415 =	0,09 =
4,35 =	101,1 =	0,014 =	567,8 =