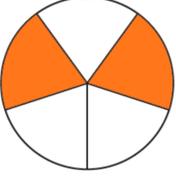
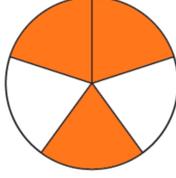
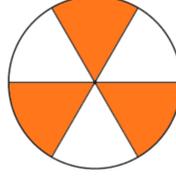
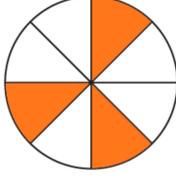
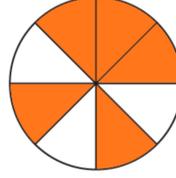
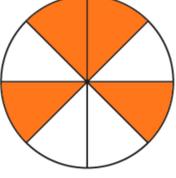
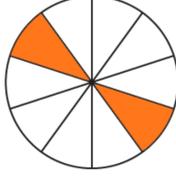
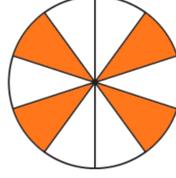
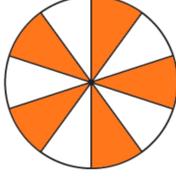
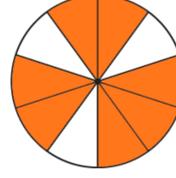
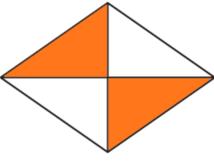
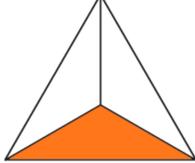
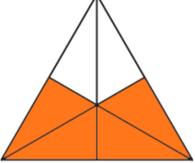
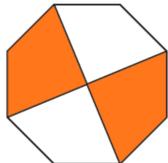
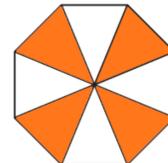
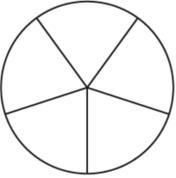
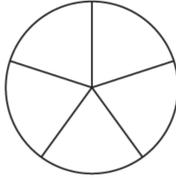
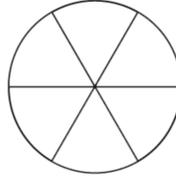
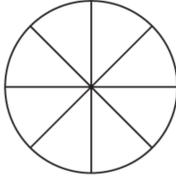
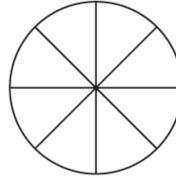
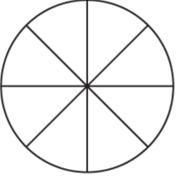
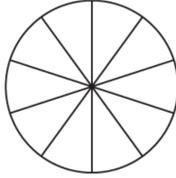
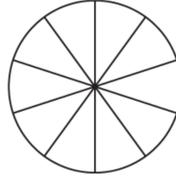
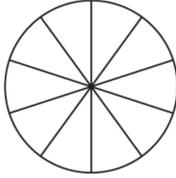
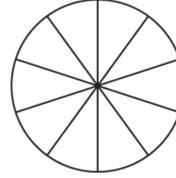
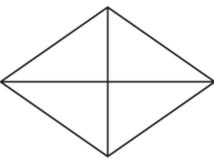
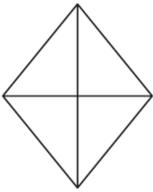
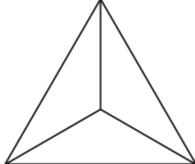
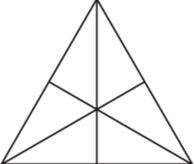
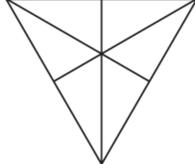
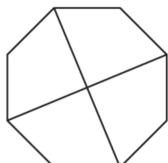
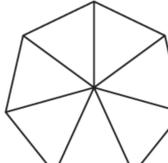
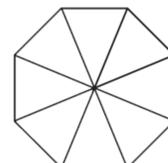
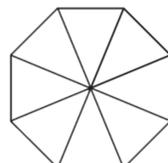
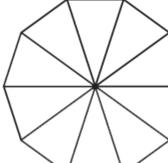


1. Scrivi accanto ad ogni figura la frazione corrispondente alle parti colorate.

|   |   |   |   |  |   |   |   |   |   |
|---|---|---|---|--|---|---|---|---|---|
|    | — |    | — |    | — |    | — |    | — |
|    | — |    | — |    | — |    | — |    | — |
|   | — |   | — |   | — |   | — |   | — |
|  | — |  | — |  | — |  | — |  | — |

2. Colora le parti della figura indicate dalla frazione scritta accanto.

|   |               |   |                |  |                |   |                |   |                |
|---|---------------|---|----------------|--|----------------|---|----------------|---|----------------|
|  | $\frac{1}{5}$ |  | $\frac{3}{5}$  |  | $\frac{4}{6}$  |  | $\frac{1}{8}$  |  | $\frac{3}{8}$  |
|  | $\frac{5}{8}$ |  | $\frac{4}{10}$ |  | $\frac{1}{10}$ |  | $\frac{6}{10}$ |  | $\frac{9}{10}$ |
|  | $\frac{3}{4}$ |  | $\frac{2}{4}$  |  | $\frac{1}{3}$  |  | $\frac{2}{6}$  |  | $\frac{4}{6}$  |
|  | $\frac{1}{4}$ |  | $\frac{2}{7}$  |  | $\frac{4}{7}$  |  | $\frac{6}{7}$  |  | $\frac{7}{10}$ |

# LE FRAZIONI

## PROPRIE, IMPROPRIE E APPARENTI

1. 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

2. Completa l'esercizio cerchiando solo le frazioni proprie.

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

3. Completa l'esercizio cerchiando solo le frazioni improprie.

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

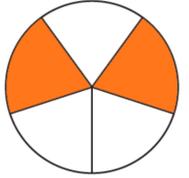
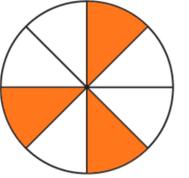
4. Completa l'esercizio cerchiando solo le frazioni apparenti.

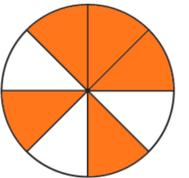
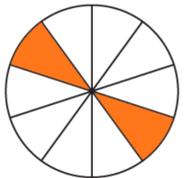
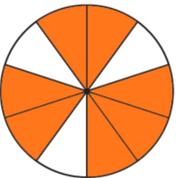
$\frac{7}{5}$     $\frac{10}{9}$     $\frac{14}{7}$     $\frac{10}{10}$     $\frac{4}{9}$     $\frac{13}{8}$     $\frac{16}{4}$     $\frac{19}{6}$     $\frac{1}{2}$     $\frac{4}{2}$     $\frac{15}{5}$     $\frac{18}{3}$     $\frac{15}{6}$     $\frac{7}{7}$

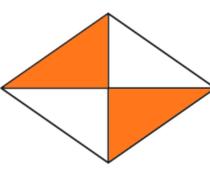
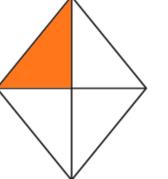
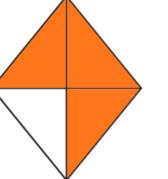
5. Completa la tabella inserendo al numeratore i numeri presenti nella colonna di destra.

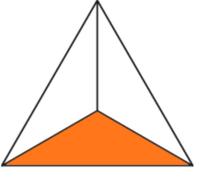
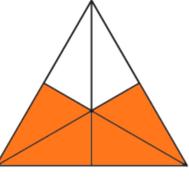
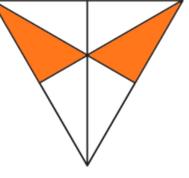
| Proprie            | Improprie          | Apparenti          | Numeri tra cui scegliere |
|--------------------|--------------------|--------------------|--------------------------|
| $\frac{2}{4}$      | $\frac{7}{4}$      | $\frac{8}{4}$      | 8 - 2 - 7                |
| $\frac{\quad}{12}$ | $\frac{\quad}{12}$ | $\frac{\quad}{12}$ | 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                |

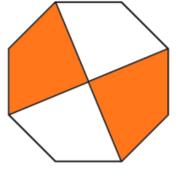
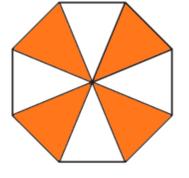
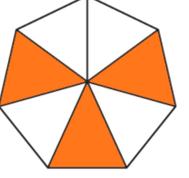
**1.** Come nel primo esempio scrivi la frazione che corrisponde alla parte colorata, poi la frazione che corrisponde alla parte in bianco e poi esegui l'addizione.

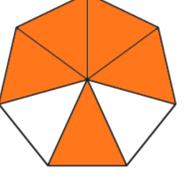
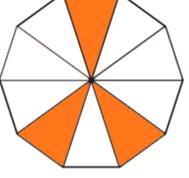
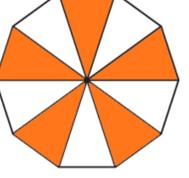
|   |   |   |   |   |   |
|---|---|---|---|---|---|
|  | $\frac{3}{10} + \frac{7}{10} = \frac{10}{10} = 1$ |  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |
|---|---|---|---|---|---|

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |
|---|---|---|---|---|---|

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |
|---|---|---|---|---|---|

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |
|---|---|---|---|---|---|

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |
|---|---|---|---|---|---|

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |  | $\frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = 1$ |
|---|---|---|---|---|---|

**2.** Per ogni frazione data indica la sua frazione complementare.

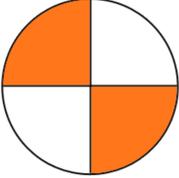
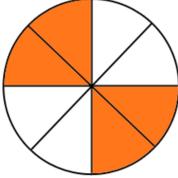
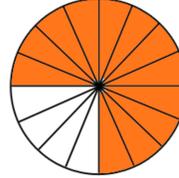
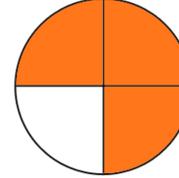
|                                     |                                     |                                     |                                      |                                      |                                      |                                     |
|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|
| $\frac{4}{7} = \frac{\dots}{\dots}$ | $\frac{3}{5} = \frac{\dots}{\dots}$ | $\frac{3}{9} = \frac{\dots}{\dots}$ | $\frac{6}{11} = \frac{\dots}{\dots}$ | $\frac{5}{14} = \frac{\dots}{\dots}$ | $\frac{7}{10} = \frac{\dots}{\dots}$ | $\frac{2}{8} = \frac{\dots}{\dots}$ |
|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|

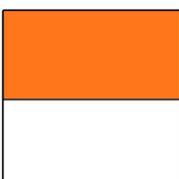
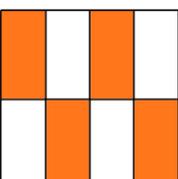
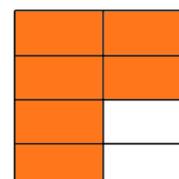
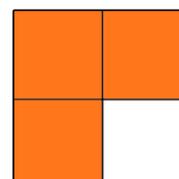
|                                     |                                     |                                     |                                      |                                     |                                      |                                     |
|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|
| $\frac{3}{7} = \frac{\dots}{\dots}$ | $\frac{5}{8} = \frac{\dots}{\dots}$ | $\frac{3}{4} = \frac{\dots}{\dots}$ | $\frac{6}{10} = \frac{\dots}{\dots}$ | $\frac{5}{9} = \frac{\dots}{\dots}$ | $\frac{7}{12} = \frac{\dots}{\dots}$ | $\frac{2}{9} = \frac{\dots}{\dots}$ |
|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|

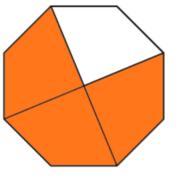
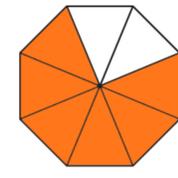
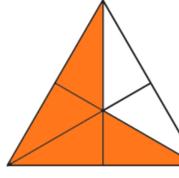
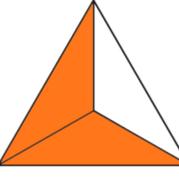
|                                      |                                      |                                     |                                      |                                       |                                      |                                     |
|--------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|-------------------------------------|
| $\frac{4}{10} = \frac{\dots}{\dots}$ | $\frac{6}{14} = \frac{\dots}{\dots}$ | $\frac{3}{8} = \frac{\dots}{\dots}$ | $\frac{9}{12} = \frac{\dots}{\dots}$ | $\frac{10}{11} = \frac{\dots}{\dots}$ | $\frac{9}{14} = \frac{\dots}{\dots}$ | $\frac{8}{9} = \frac{\dots}{\dots}$ |
|--------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|-------------------------------------|

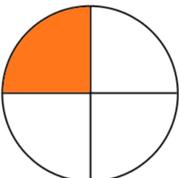
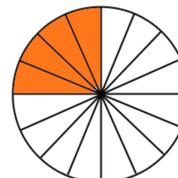
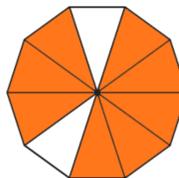
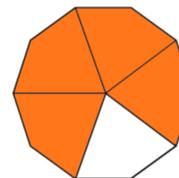
|                                     |                                      |                                     |                                      |                                     |                                       |                        |
|-------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|---------------------------------------|------------------------|
| $\frac{6}{7} = \frac{\dots}{\dots}$ | $\frac{1}{11} = \frac{\dots}{\dots}$ | $\frac{6}{9} = \frac{\dots}{\dots}$ | $\frac{7}{11} = \frac{\dots}{\dots}$ | $\frac{7}{9} = \frac{\dots}{\dots}$ | $\frac{12}{14} = \frac{\dots}{\dots}$ | $-\frac{\dots}{\dots}$ |
|-------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|---------------------------------------|------------------------|

1. Osserva le figure geometriche ed esegui le operazioni per calcolare le frazioni equivalenti delle frazioni date.

|  |  |
|--|--|
|  $\frac{2}{4} \begin{matrix} \rightarrow \times 2 \\ \rightarrow \times 2 \end{matrix} = \frac{\quad}{\quad}$  |  $\frac{12}{16} \begin{matrix} \rightarrow : 4 \\ \rightarrow : 4 \end{matrix} = \frac{\quad}{\quad}$  |
| La frazione $\frac{2}{4}$ è equivalente a .....  | La frazione $\frac{12}{16}$ è equivalente a .....  |

|  |  |
|--|--|
|  $\frac{1}{2} \begin{matrix} \rightarrow \times 4 \\ \rightarrow \times 4 \end{matrix} = \frac{\quad}{\quad}$  |  $\frac{6}{8} \begin{matrix} \rightarrow : 2 \\ \rightarrow : 2 \end{matrix} = \frac{\quad}{\quad}$  |
| La frazione $\frac{1}{2}$ è equivalente a .....  | La frazione $\frac{6}{8}$ è equivalente a .....  |

|  |  |
|--|--|
|  $\frac{3}{4} \begin{matrix} \rightarrow \times 2 \\ \rightarrow \times 2 \end{matrix} = \frac{\quad}{\quad}$  |  $\frac{4}{6} \begin{matrix} \rightarrow : 2 \\ \rightarrow : 2 \end{matrix} = \frac{\quad}{\quad}$  |
| La frazione $\frac{3}{4}$ è equivalente a .....  | La frazione $\frac{4}{6}$ è equivalente a .....  |

|  |   |
|--|---|
|  $\frac{1}{4} \begin{matrix} \rightarrow \times 4 \\ \rightarrow \times 4 \end{matrix} = \frac{\quad}{\quad}$  |  $\frac{8}{10} \begin{matrix} \rightarrow : 2 \\ \rightarrow : 2 \end{matrix} = \frac{\quad}{\quad}$  |
| La frazione $\frac{1}{4}$ è equivalente a .....  | La frazione $\frac{8}{10}$ è equivalente a .....  |

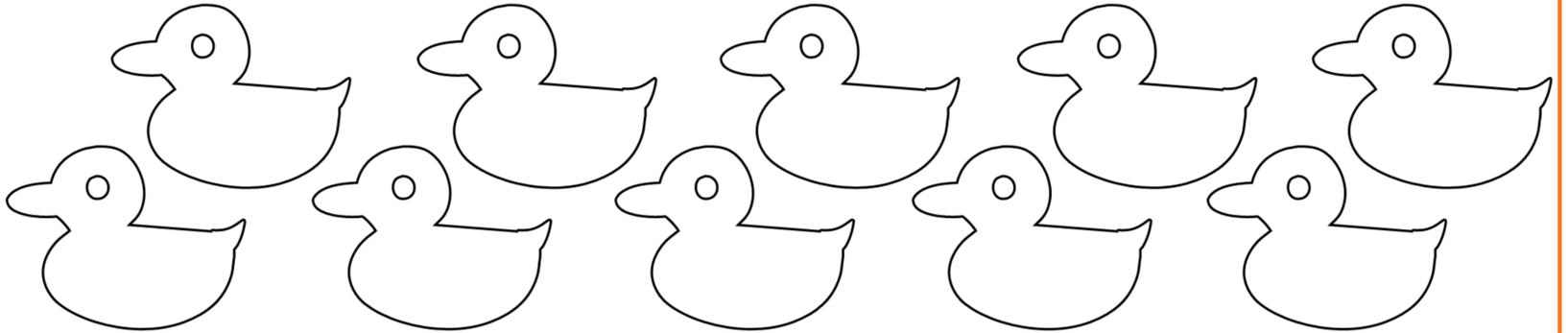
2. Trova una frazione equivalente per ciascuna delle seguenti frazioni.

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

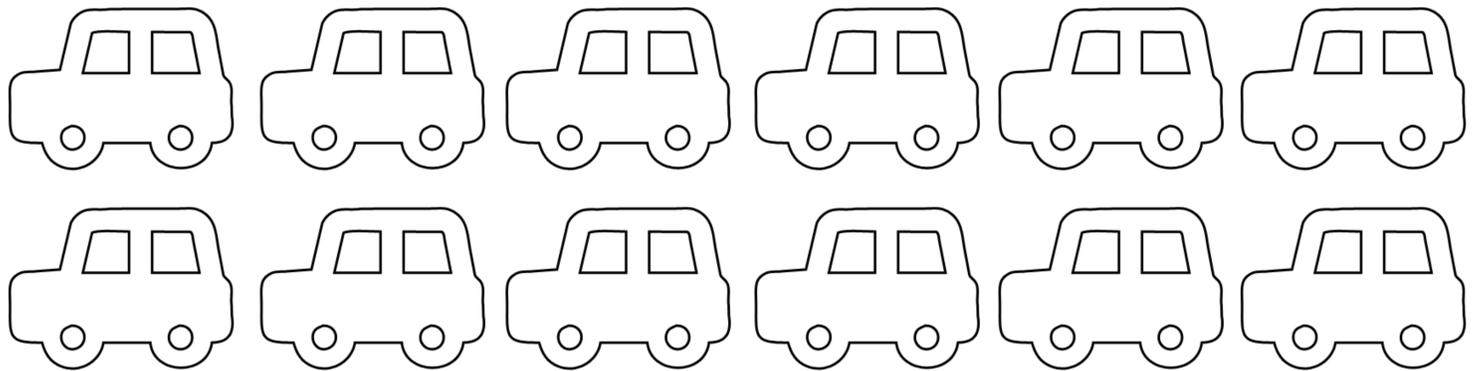
# CALCOLO DEL VALORE DELLE FRAZIONI

1. Calcola il valore di ogni frazione e colora tanti disegni quanti ne indica il risultato.

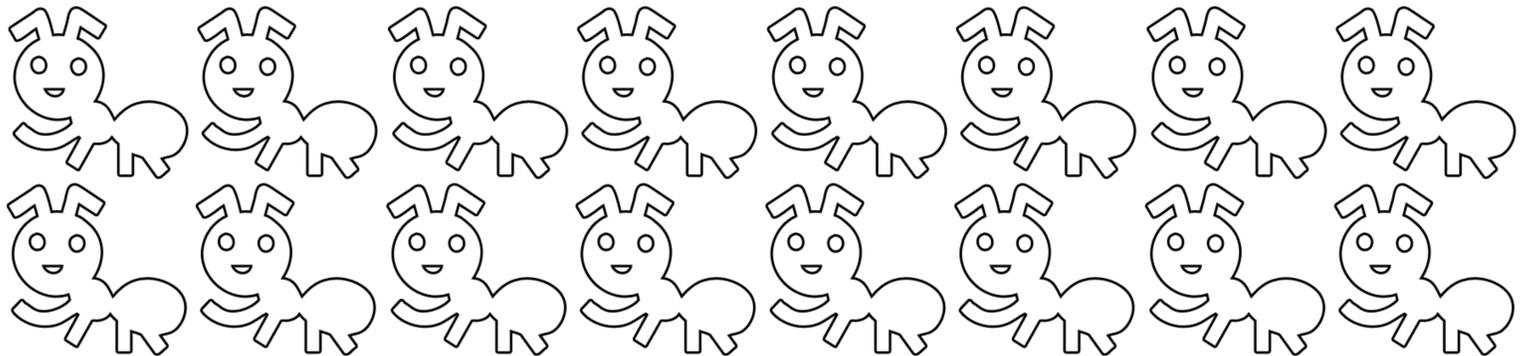
$$\frac{2}{5} \text{ di } 10 =$$



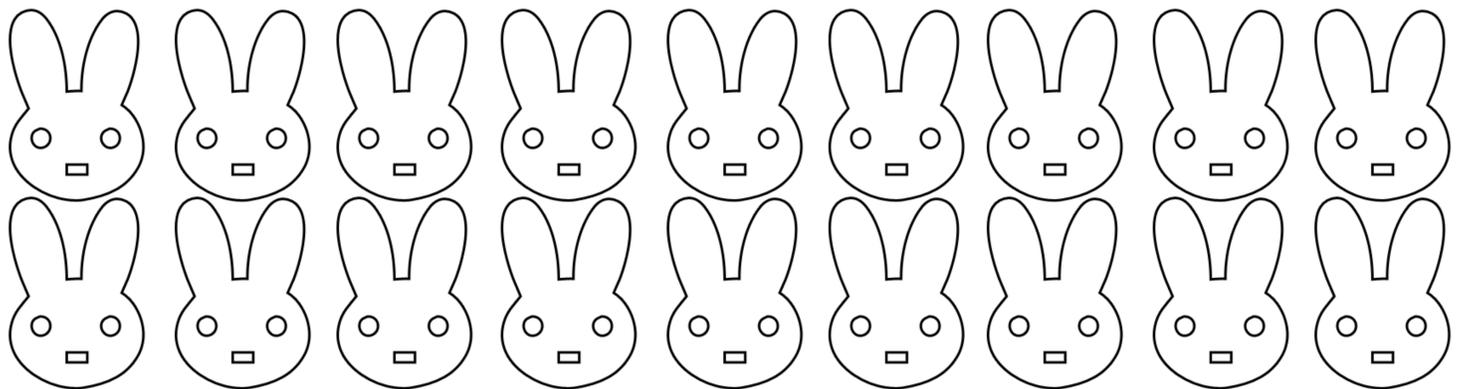
$$\frac{3}{4} \text{ di } 12 =$$



$$\frac{7}{8} \text{ di } 16 =$$



$$\frac{5}{9} \text{ di } 18 =$$



2. Calcola il valore di ogni frazione come nel primo esempio.

$$\frac{5}{6} \text{ di } 30 = (30:6) \times 5 = 5 \times 5 = 25$$

$$\frac{5}{8} \text{ di } 88 =$$

$$\frac{3}{5} \text{ di } 75 =$$

$$\frac{4}{9} \text{ di } 81 =$$

$$\frac{3}{4} \text{ di } 80 =$$

$$\frac{7}{10} \text{ di } 70 =$$

$$\frac{4}{7} \text{ di } 49 =$$

$$\frac{2}{9} \text{ di } 63 =$$

**1.** Per ogni frazione sottolinea il numero decimale corrispondente.

$$\frac{4}{10} = 4,0 - 0,4 - 40 - 0,04$$

$$\frac{8}{1000} = 0,8 - 80 - 0,008 - 0,08$$

$$\frac{32}{10} = 32 - 0,32 - 3,2 - 0,032$$

$$\frac{121}{1000} = 12,1 - 121 - 0,121 - 1,12$$

$$\frac{7}{100} = 0,07 - 70 - 0,7 - 0,007$$

$$\frac{19}{100} = 0,019 - 1,9 - 19,0 - 0,19$$

$$\frac{55}{10} = 55 - 0,55 - 0,055 - 5,5$$

$$\frac{60}{1000} = 60 - 0,6 - 0,60 - 0,06$$

$$\frac{111}{10} = 1,11 - 111 - 11,11 - 0,111$$

$$\frac{34}{1000} = 0,034 - 0,34 - 3,4 - 34$$

$$\frac{76}{100} = 0,76 - 0,076 - 76 - 7,6$$

$$\frac{777}{1000} = 777 - 77,7 - 0,777 - 7,77$$

**2.** Scrivi il numero decimale corrispondente alle frazioni date.

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

$$\frac{14}{10} =$$

$$\frac{123}{1000} =$$

$$\frac{66}{100} =$$

$$\frac{7}{100} =$$

$$\frac{666}{1000} =$$

$$\frac{334}{10} =$$

$$\frac{81}{100} =$$

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

$$\frac{75}{1000} =$$

$$\frac{2}{1000} =$$

$$\frac{456}{100} =$$

**3.** Scrivi la frazione corrispondente ad ogni numero decimale dato.

$$0,3 =$$

$$7,3 =$$

$$18,5 =$$

$$10,5 =$$

$$55,1 =$$

$$0,36 =$$

$$0,415 =$$

$$0,09 =$$

$$4,35 =$$

$$101,1 =$$

$$0,014 =$$

$$567,8 =$$