Le frazioni complementari

Quello che manca alla frazione per arrivare all'intero si chiama frazione complementare.

MATEMATICA | 3ª

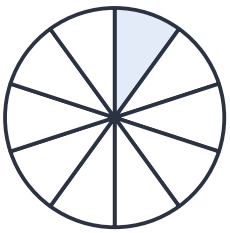
NOME _____

DATA _____

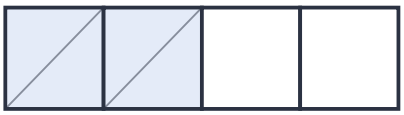
1 Scrivi la frazione della parte colorata e quella della parte bianca.



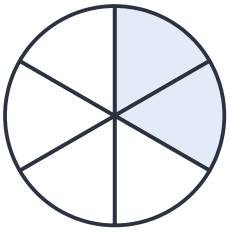
colorata $\frac{\square}{\square}$ bianca $\frac{\square}{\square}$



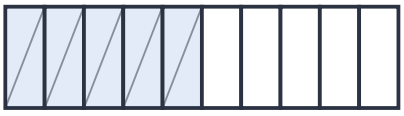
colorata $\frac{\square}{\square}$ bianca $\frac{\square}{\square}$



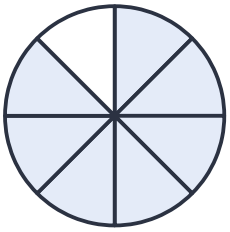
colorata $\frac{\square}{\square}$ bianca $\frac{\square}{\square}$



colorata $\frac{\square}{\square}$ bianca $\frac{\square}{\square}$



colorata $\frac{\square}{\square}$ bianca $\frac{\square}{\square}$



colorata $\frac{\square}{\square}$ bianca $\frac{\square}{\square}$

2 Completa: le due frazioni insieme formano l'intero.

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

$\frac{1}{10} + \frac{\square}{\square} = \frac{10}{10}$ $\quad \frac{1}{9} + \frac{\square}{\square} = \frac{9}{9}$ $\quad \frac{3}{6} + \frac{\square}{\square} = \frac{6}{6}$

Due frazioni sono **complementari** quando insieme formano l'intero: $\frac{3}{8}$ e $\frac{5}{8}$ sono complementari, perché $\frac{3}{8} + \frac{5}{8} = \frac{8}{8} = 1$.

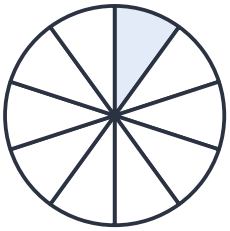
Le frazioni complementari

SOLUZIONI

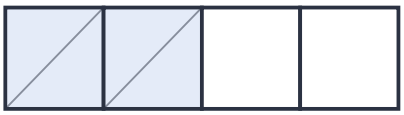
1 Scrivi la frazione della parte colorata e quella della parte bianca.



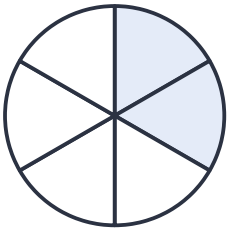
colorata $\frac{3}{8}$ bianca $\frac{5}{8}$



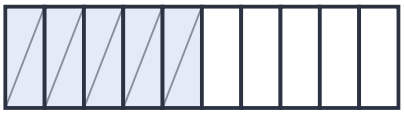
colorata $\frac{1}{10}$ bianca $\frac{9}{10}$



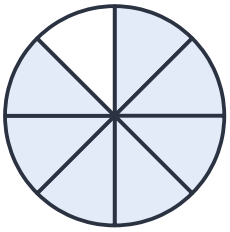
colorata $\frac{2}{4}$ bianca $\frac{2}{4}$



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



colorata $\frac{5}{10}$ bianca $\frac{5}{10}$



colorata $\frac{7}{8}$ bianca $\frac{1}{8}$

2 Completa: le due frazioni insieme formano l'intero.

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$\frac{1}{10} + \frac{9}{10} = \frac{10}{10}$ $\quad \frac{1}{9} + \frac{8}{9} = \frac{9}{9}$ $\quad \frac{3}{6} + \frac{3}{6} = \frac{6}{6}$

Due frazioni sono **complementari** quando insieme formano l'intero: $\frac{3}{8}$ e $\frac{5}{8}$ sono complementari, perché $\frac{3}{8} + \frac{5}{8} = \frac{8}{8} = 1$.