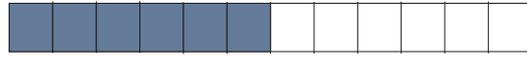


FRAZIONI EQUIVALENTI

Immaginiamo di avere una tavoletta di cioccolata divisa in 12 quadretti uguali e di prenderne 6. Questi rappresentano $\frac{6}{12}$ dell'intero.



Se dividiamo la stessa tavoletta in due parti uguali e ne prendiamo una, avremo preso $\frac{1}{2}$ della tavoletta.



Quindi, $\frac{6}{12}$ e $\frac{1}{2}$ si equivalgono, cioè rappresentano la stessa quantità, per questo si dicono equivalenti.

Si possono ottenere tante frazioni equivalenti se moltiplichiamo o dividiamo i termini di una frazione per lo stesso numero



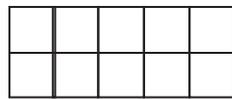
Aiutandoti con il disegno trova le frazioni equivalenti a $\frac{3}{5}$ e $\frac{2}{7}$

Ad esempio: $\frac{3}{5} \xrightarrow{\times 4} \frac{12}{20}$

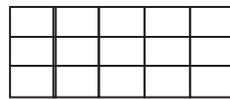
$\frac{2}{7} \xrightarrow{\times 5} \frac{10}{35}$



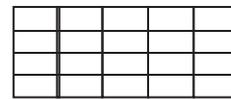
$$\frac{3}{5}$$



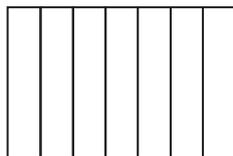
$$\frac{6}{10}$$



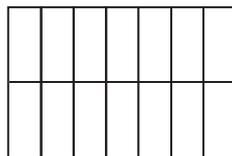
$$\frac{9}{15}$$



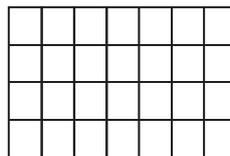
$$\frac{12}{20}$$



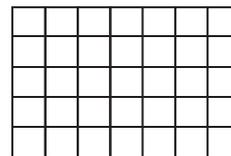
$$\frac{2}{7}$$



$$\frac{4}{14}$$

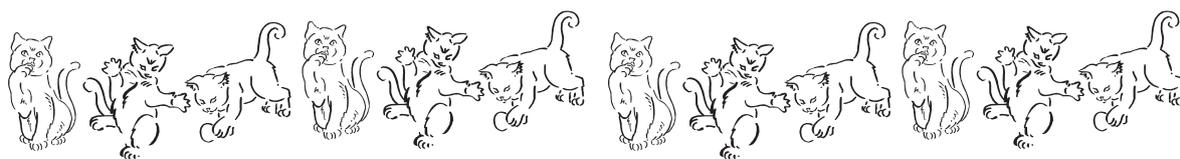


$$\frac{8}{28}$$



$$\frac{10}{35}$$

FRAZIONI EQUIVALENTI



1) Trova frazioni equivalenti, attento uno dei fattori è già scritto

$$\frac{18}{45} = \frac{\quad}{5}$$

$$\frac{7}{8} = \frac{21}{\quad}$$

$$\frac{36}{54} = \frac{6}{\quad} = \frac{\quad}{3}$$

$$\frac{60}{45} = \frac{\quad}{3}$$

$$\frac{9}{4} = \frac{\quad}{32}$$

$$\frac{88}{66} = \frac{\quad}{3} = \frac{12}{\quad}$$

$$\frac{35}{84} = \frac{5}{\quad}$$

$$\frac{8}{3} = \frac{64}{\quad}$$

$$\frac{80}{48} = \frac{5}{\quad} = \frac{\quad}{9}$$

2) Trova le frazioni equivalenti a quelle date.

$$\frac{70}{96} = \frac{\quad}{\quad}$$

$$\frac{72}{54} = \frac{\quad}{\quad}$$

$$\frac{75}{30} = \frac{\quad}{\quad}$$

$$\frac{60}{90} = \frac{\quad}{\quad}$$

$$\frac{32}{96} = \frac{\quad}{\quad}$$

$$\frac{65}{39} = \frac{\quad}{\quad}$$



3) Se moltiplichiamo x 5 entrambi i fattori, che frazioni equivalenti trovi?

$\frac{4}{5}$, $\frac{3}{4}$ e $\frac{2}{3}$ diventano _____, _____ e _____

$$\frac{9}{10} = \frac{\quad}{\quad}, \quad \frac{5}{8} = \frac{\quad}{\quad}, \quad \frac{3}{8} = \frac{\quad}{\quad}$$

$$\frac{5}{9} = \frac{\quad}{\quad}, \quad \frac{5}{6} = \frac{\quad}{\quad}, \quad \frac{3}{4} = \frac{\quad}{\quad}$$

