



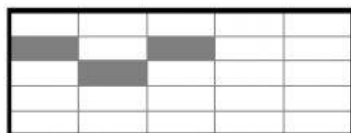
Fracciones



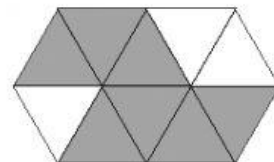
1°

(1) Escribe la fracción representada en los siguientes dibujos :

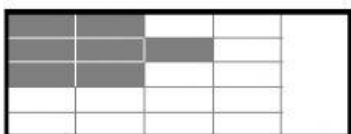
(a) —



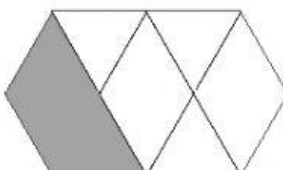
(c) —



(b) —



(d) —



(2) Calcula :

(a) $\frac{3}{5}$ de 30 =

(c) $\frac{2}{7}$ de 42 =

(b) $\frac{7}{4}$ de 28 =

(d) $\frac{5}{2}$ de 40 =

(3) Completa :

(a) $\frac{5}{3}$ de = 30

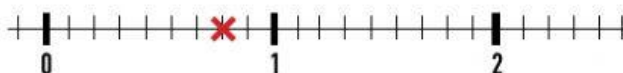
(c) $\frac{11}{3}$ de = 66

(b) $\frac{4}{7}$ de = 56

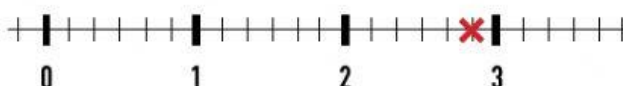
(d) $\frac{2}{9}$ de = 36

(4) ¿Qué fracción está dibujada en la recta numérica? :

(a) —



(b) —



(c) —



(5) Expresa como números decimales las siguientes fracciones:

(a) $\frac{7}{2} =$

(c) $\frac{3}{8} =$

(b) $\frac{5}{4} =$

(d) $\frac{-15}{2} =$

(6) Expresa como fracciones los siguientes números decimales usando la fracción irreducible :

(a) $2,5 = \text{---}$

(c) $5,05 = \text{---}$

(b) $3,2 = \text{---}$

(d) $0,625 = \text{---}$

(7) ¿Son equivalentes las siguientes fracciones?

(a) $\frac{5}{12}$ y $\frac{2}{5}$

(c) $\frac{8}{9}$ y $\frac{5}{4}$

(b) $\frac{4}{5}$ y $\frac{12}{15}$

(d) $\frac{10}{8}$ y $\frac{35}{28}$

(8) Completa las fracciones para conseguir que sean equivalentes :

(a) $\frac{5}{12} = \frac{\text{---}}{24}$

(c) $\frac{6}{15} = \frac{10}{\text{---}}$

(b) $\frac{\text{---}}{3} = \frac{16}{24}$

(d) $\frac{16}{\text{---}} = \frac{40}{15}$

(9) Opera y simplifica hasta obtener la fracción irreducible:

(a) $5 \cdot \frac{2}{3} = \text{---}$

(f) $\frac{7}{5} \cdot \frac{6}{4} \cdot \frac{4}{5} = \text{---}$

(b) $6 \cdot \frac{5}{3} = \text{---}$

(g) $\frac{60}{140} \cdot \frac{14}{20} = \text{---}$

(c) $\frac{5}{6} \cdot 3 = \text{---}$

(h) $\frac{9}{70} \cdot \frac{8}{15} \cdot \frac{20}{8} = \text{---}$

(d) $\frac{2}{3} \cdot \frac{15}{2} = \text{---}$

(i) $\frac{35}{50} \cdot \frac{60}{3} \cdot \frac{3}{15} = \text{---}$

(e) $\frac{8}{30} \cdot \frac{100}{8} = \text{---}$

(j) $\frac{2}{3} - \frac{2}{18} = \text{---}$

(k) $2 \cdot \frac{7}{3} \cdot \frac{6}{2} = \text{---}$

(l) $\frac{7}{12} + \frac{5}{6} = \text{---}$

(m) $\frac{5}{6} - \frac{4}{18} + \frac{7}{12} = \text{---}$

(n) $\frac{3}{10} \cdot \frac{15}{6} = \text{---}$

(o) $\frac{8}{5} \cdot \frac{5}{4} - \frac{7}{2} = \text{---}$

(p) $\frac{5}{14} - \frac{4}{3} \cdot \frac{3}{21} = \text{---}$

(q) $8 : \frac{2}{5} = \text{---}$

(r) $\frac{1}{55} : \frac{2}{11} = \text{---}$

(s) $2 : \frac{6}{5} = \text{---}$

(t) $\frac{3}{10} : \frac{12}{5} = \text{---}$

(u) $\frac{2}{5} : \left(2 - \frac{48}{25}\right) = \text{---}$

(v) $\frac{1}{2} : \left(\frac{1}{5} + \frac{7}{10}\right) = \text{---}$

(w) $\left(2 - \frac{8}{5}\right) \cdot \left(\frac{1}{2} - \frac{3}{11}\right) = \text{---}$

(x) $\left(\frac{3}{5} + \frac{1}{5}\right) \cdot \left(\frac{2}{11} + \frac{29}{22}\right) = \text{---}$

(y) $\frac{3}{7} \cdot \left(\frac{1}{2} + \frac{3}{8}\right) - \frac{5}{4} : \left(\frac{3}{10} + \frac{1}{20}\right) = \text{---}$

(z) $\left(1 - \frac{11}{14}\right) : \left(\frac{1}{7} + \frac{8}{49}\right) = \text{---}$

