

Multiplicación de fracciones

Para multiplicar nada debes cambiar

los numeradores y denominadores multiplicarás

y al final, si puedes, simplificarás

$$\frac{8}{7}\cdot\frac{3}{4}=\frac{8\cdot 3}{7\cdot 4}=\frac{24}{28}=\frac{12}{14}=\frac{6}{7}$$

$$\frac{7}{4}\cdot\frac{5}{14}=\frac{\cdot}{\cdot}=\frac{\quad}{\quad}=\frac{\quad}{\quad}$$

$$\frac{5}{12}\cdot\frac{3}{10}=\frac{\cdot}{\cdot}=\frac{\quad}{\quad}=\frac{\quad}{\quad}$$

$$\frac{5}{8}\cdot\frac{9}{2}\cdot\frac{1}{5}=\frac{\cdot\ \cdot}{\cdot\ \cdot}=\frac{\quad}{\quad}=\frac{\quad}{\quad}$$

$$\frac{2}{3}\cdot\frac{6}{5}\cdot\frac{10}{3}=\frac{\cdot\ \cdot}{\cdot\ \cdot}=\frac{\quad}{\quad}=\frac{\quad}{\quad}$$

Ahora bien, es mejor simplificar antes de multiplicar, fíjate:

$$\frac{5}{14}\cdot\frac{10}{21}=\frac{5\cdot\overset{5}{\cancel{10}}}{\underset{7}{\cancel{14}}\cdot 21}=\frac{25}{147}$$

$$\frac{7}{2}\cdot\frac{8}{21}=\frac{\cancel{7}}{\cancel{2}}\cdot\frac{\overset{4}{\cancel{8}}}{\underset{7}{\cancel{21}}}=\frac{4}{7}$$

$$\frac{7}{2}\cdot\frac{8}{9}=\frac{7\cdot\cancel{8}}{\cancel{2}\cdot 9}=\frac{\quad}{\quad}$$

$$\frac{12}{5}\cdot\frac{25}{18}=\frac{\cancel{12}\cdot\cancel{25}}{\cancel{5}\cdot\cancel{18}}=\frac{\quad}{\quad}$$

$$\frac{5}{7}\cdot\frac{7}{22}\cdot\frac{11}{18}=\frac{5\cdot\cancel{7}\cdot\cancel{11}}{\cancel{7}\cdot\cancel{22}\cdot 18}=\frac{\quad}{\quad}$$

$$\frac{18}{5}\cdot\frac{25}{9}\cdot\frac{6}{7}=\frac{\cancel{18}\cdot\cancel{25}\cdot 6}{5\cdot\cancel{9}\cdot 7}=\frac{\quad}{\quad}$$

$$\frac{5}{6}\cdot\frac{3}{11}\cdot\frac{11}{20}=\frac{\cancel{5}\cdot\cancel{3}\cdot\cancel{11}}{\cancel{6}\cdot\cancel{11}\cdot\cancel{20}}=\frac{\quad}{\quad}$$

$$\frac{6}{35}\cdot\frac{7}{11}\cdot\frac{121}{9}=\frac{\cancel{6}\cdot\cancel{7}\cdot\cancel{121}}{\cancel{35}\cdot\cancel{11}\cdot\cancel{9}}=\frac{\quad}{\quad}$$

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