

Nom : Corrigé

La division de fractions

- 1- J'inverse la fraction située à droite de la division. (la deuxième fraction)
- 2- Je change le signe \div pour un \times .
- 3- Je multiplie les fractions.
- 4- Je simplifie au besoin.

$$\frac{1}{2} \div \frac{3}{5} = \frac{1}{2} \times \frac{5}{3} = \frac{5}{6}$$

Effectue les divisions suivantes et simplifie tes réponses.

$$a) \frac{5}{7} \div \frac{2}{3} = \frac{5}{7} \times \frac{3}{2} = \frac{15}{14} = 1 \frac{1}{14}$$

$$i) \frac{11}{33} \div \frac{1}{3} = \frac{11}{33} \times \frac{3}{1} = \frac{33}{33} = 1$$

$$b) \frac{4}{8} \div \frac{4}{6} = \frac{4}{8} \times \frac{6}{4} = \frac{24}{32} = \frac{3}{4}$$

$$j) \frac{8}{9} \div \frac{5}{6} = \frac{8}{9} \times \frac{6}{5} = \frac{48}{45} = 1 \frac{3}{45} = 1 \frac{1}{15}$$

$$c) \frac{1}{12} \div \frac{4}{5} = \frac{1}{12} \times \frac{5}{4} = \frac{5}{48}$$

$$k) \frac{6}{5} \div \frac{15}{3} = \frac{6}{5} \times \frac{3}{15} = \frac{18}{75} = \frac{6}{25}$$

$$d) \frac{7}{14} \div \frac{1}{3} = \frac{7}{14} \times \frac{3}{1} = \frac{21}{14} = 1 \frac{7}{14} = 1 \frac{1}{2}$$

$$l) \frac{9}{12} \div \frac{6}{8} = \frac{9}{12} \times \frac{8}{6} = \frac{72}{72} = 1$$

$$e) \frac{15}{20} \div \frac{1}{5} = \frac{15}{20} \times \frac{5}{1} = \frac{75}{20} = 3 \frac{15}{20} = 3 \frac{3}{4}$$

$$m) 5 \div \frac{2}{3} = \frac{5}{1} \times \frac{3}{2} = \frac{15}{2} = 7 \frac{1}{2}$$

$$f) \frac{1}{3} \div \frac{12}{3} = \frac{1}{3} \times \frac{3}{12} = \frac{3}{36} = \frac{1}{12}$$

$$n) \frac{5}{7} \div 2 = \frac{5}{7} \times \frac{1}{2} = \frac{5}{14}$$

$$g) \frac{3}{2} \div \frac{25}{10} = \frac{3}{2} \times \frac{10}{25} = \frac{30}{50} = \frac{3}{5}$$

$$o) \frac{4}{6} \div 3 = \frac{4}{6} \times \frac{1}{3} = \frac{4}{18} = \frac{2}{9}$$

$$h) \frac{10}{25} \div \frac{1}{2} = \frac{10}{25} \times \frac{2}{1} = \frac{20}{25} = \frac{4}{5}$$

$$p) 7 \div \frac{6}{7} = \frac{7}{1} \times \frac{7}{6} = \frac{49}{6} = 8 \frac{1}{6}$$