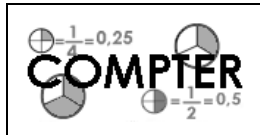


Prénom :

Date :



NUMÉRATION

Les fractions (09)

1./ Complète les égalités suivant les exemples :

$$\frac{2}{8} = \frac{4}{16}$$

$$\frac{4}{6} = \frac{\dots}{12}$$

$$\frac{3}{4} = \frac{\dots}{40}$$

$$\frac{5}{2} = \frac{10}{\dots}$$

$$\frac{1}{4} = \frac{\dots}{12}$$

$$\frac{3}{5} = \frac{9}{\dots}$$

$$\frac{1}{8} = \frac{\dots}{32}$$

$$\frac{3}{4} = \frac{15}{\dots}$$

$$\frac{3}{4} = \frac{6}{\dots}$$

$$\frac{8}{3} = \frac{\dots}{24}$$

$$4 = \frac{\dots}{2}$$

$$3 = \frac{9}{\dots}$$

$$\frac{4}{16} = \frac{2}{8}$$

$$\frac{12}{9} = \frac{\dots}{3}$$

$$\frac{5}{25} = \frac{1}{\dots}$$

$$\frac{81}{60} = \frac{\dots}{20}$$

$$\frac{15}{20} = \frac{\dots}{4}$$

$$\frac{18}{6} = \frac{9}{\dots}$$

$$\frac{16}{20} = \frac{\dots}{5}$$

$$\frac{15}{45} = \frac{5}{\dots}$$

$$\frac{3}{9} = \frac{1}{\dots}$$

$$\frac{25}{15} = \frac{\dots}{3}$$

$$\frac{36}{6} = \frac{12}{\dots}$$

$$\frac{28}{64} = \frac{\dots}{16}$$

2./ Simplifie le plus possible les fractions suivantes :

Exemple :

$$\frac{160}{240} = \frac{2 \times 80}{2 \times 120} = \frac{80}{120} = \frac{2 \times 40}{2 \times 60} = \frac{40}{60} = \frac{2 \times 20}{2 \times 30} = \frac{20}{30} = \frac{2 \times 10}{2 \times 15} = \frac{10}{15} = \frac{5 \times 2}{5 \times 3} = \frac{2}{3}$$

Remarque :

$$\frac{160}{240} = \frac{2 \times 2 \times 2 \times 2 \times 5 \times 2}{2 \times 2 \times 2 \times 2 \times 5 \times 3} = \frac{80 \times 2}{80 \times 3} = \frac{2}{3}$$

$$\frac{125}{50} = \dots$$

$$\frac{144}{36} = \dots$$

$$\frac{120}{168} = \dots$$

$$\frac{162}{216} = \dots$$

$$\frac{75}{250} = \dots$$

$$\frac{234}{702} = \dots$$