

Simplification de FRACTIONS

Correction

1) Simplifier au maximum les fractions suivantes :

$$\text{a) } \frac{45}{35} = \frac{9 \times 5}{7 \times 5} = \frac{9}{7} \quad \text{b) } \frac{24}{9} = \frac{8 \times 3}{3 \times 3} = \frac{8}{3} \quad \text{c) } \frac{48}{40} = \frac{6 \times 8}{5 \times 8} = \frac{6}{5} \quad \text{d) } \frac{25}{15} = \frac{5 \times 5}{3 \times 5} = \frac{5}{3}$$

$$\text{e) } \frac{8}{20} = \frac{2 \times 4}{5 \times 4} = \frac{2}{5} \quad \text{f) } \frac{18}{42} = \frac{3 \times 6}{7 \times 6} = \frac{3}{7} \quad \text{g) } \frac{36}{27} = \frac{4 \times 9}{3 \times 9} = \frac{4}{3} \quad \text{h) } \frac{21}{14} = \frac{3 \times 7}{2 \times 7} = \frac{3}{2}$$

2) Simplifier au maximum les fractions suivantes :

$$\frac{45}{40} = \frac{9}{8}$$

$$\frac{8}{24} = \frac{1}{3}$$

$$\frac{25}{35} = \frac{5}{7}$$

$$\frac{3}{6} = \frac{1}{2}$$

$$\frac{12}{16} = \frac{3}{4}$$

$$\frac{5}{55} = \frac{1}{11}$$

$$\frac{21}{9} = \frac{7}{3}$$

$$\frac{18}{12} = \frac{3}{2}$$

$$\frac{80}{50} = \frac{8}{5}$$

$$\frac{26}{39} = \frac{2}{3}$$

$$\frac{30}{36} = \frac{5}{6}$$

$$\frac{49}{14} = \frac{7}{2}$$

$$\frac{20}{18} = \frac{10}{9}$$

$$\frac{81}{18} = \frac{9}{2}$$

$$\frac{63}{36} = \frac{7}{4}$$

$$\frac{15}{45} = \frac{1}{3}$$

$$\frac{5}{20} = \frac{1}{4}$$

$$\frac{6}{24} = \frac{1}{4}$$

$$\frac{60}{18} = \frac{10}{3}$$

$$\frac{12}{36} = \frac{1}{3}$$

$$\frac{4}{14} = \frac{2}{7}$$

$$\frac{24}{30} = \frac{4}{5}$$

$$\frac{4}{22} = \frac{2}{11}$$

$$\frac{64}{56} = \frac{8}{7}$$