

5e : Chapitre 6 : Fractions - Questions flash n°4 - Correction

Ex 49 : $\frac{28}{35} = \frac{4}{5}$; $\frac{18}{5}$ est irréductible ; $\frac{7}{4}$ est irréductible ; $\frac{14}{6} = \frac{7}{3}$; $\frac{8}{21}$ est irréductible.

Ex 73 : $\frac{14}{35} = \frac{2}{5} = \frac{6}{15}$; $\frac{12}{36} = \frac{24}{72} = \frac{6}{18} = \frac{1}{3} = \frac{4}{12}$

Ex 4 : $A = \frac{1}{6} + \frac{5}{3} = \frac{1}{6} + \frac{10}{6} = \frac{11}{6}$; $B = \frac{10}{11} + \frac{5}{33} = \frac{30}{33} + \frac{5}{33} = \frac{35}{33}$; $C = \frac{7}{12} - \frac{1}{3} = \frac{7}{12} - \frac{4}{12} = \frac{3}{12} = \frac{1}{4}$

$D = \frac{1}{14} + \frac{3}{7} = \frac{1}{14} + \frac{6}{14} = \frac{7}{14} = \frac{1}{2}$; $E = \frac{5}{4} - \frac{5}{12} = \frac{15}{12} - \frac{5}{12} = \frac{10}{12} = \frac{5}{6}$; $F = \frac{1}{4} - \frac{3}{28} = \frac{7}{28} - \frac{3}{28} = \frac{4}{28} = \frac{1}{7}$

$G = \frac{77}{75} - \frac{4}{25} = \frac{77}{75} - \frac{12}{75} = \frac{65}{75} = \frac{13}{15}$; $H = \frac{25}{21} + \frac{8}{7} + \frac{4}{3} = \frac{25}{21} + \frac{24}{21} + \frac{28}{21} = \frac{77}{21} = \frac{11}{3}$

$I = \frac{1}{20} + \frac{2}{5} + \frac{3}{10} = \frac{1}{20} + \frac{8}{20} + \frac{6}{20} = \frac{15}{20} = \frac{3}{4}$; $J = \frac{1}{5} + 1 = \frac{1}{5} + \frac{1}{1} = \frac{1}{5} + \frac{5}{5} = \frac{6}{5}$

$K = 1 + \frac{1}{3} - \frac{1}{9} = \frac{1}{1} + \frac{1}{3} - \frac{1}{9} = \frac{9}{9} + \frac{3}{9} - \frac{1}{9} = \frac{11}{9}$; $L = 2 - \frac{3}{7} = \frac{2}{1} - \frac{3}{7} = \frac{14}{7} - \frac{3}{7} = \frac{11}{7}$