

5e : Chapitre 6 : Fractions - Questions flash n°3 - Correction

$$\text{Ex 3 : } \frac{1}{6} + \frac{3}{6} = \frac{4}{6} = \frac{2}{3} \quad ; \quad \frac{25}{33} + \frac{19}{33} = \frac{44}{33} = \frac{4}{3} \quad ; \quad \frac{17}{18} + \frac{19}{18} = \frac{36}{18} = 2$$

$$\text{Ex 4 : } \frac{31}{14} - \frac{5}{14} = \frac{26}{14} = \frac{13}{7} \quad ; \quad \frac{19}{20} - \frac{3}{20} = \frac{16}{20} = \frac{4}{5} \quad ; \quad \frac{47}{72} - \frac{35}{72} = \frac{12}{72} = \frac{1}{6}$$

Ex 1 :

$$A = \frac{7}{6} + \frac{2}{3} = \frac{7}{6} + \frac{4}{6} = \frac{11}{6} \quad ; \quad B = \frac{4}{5} + \frac{2}{15} = \frac{12}{15} + \frac{2}{15} = \frac{14}{15} \quad ; \quad C = \frac{7}{5} + 1 = \frac{7}{5} + \frac{1}{1} = \frac{7}{5} + \frac{5}{5} = \frac{12}{5}$$

$$D = 5 + \frac{3}{2} = \frac{5}{1} + \frac{3}{2} = \frac{10}{2} + \frac{3}{2} = \frac{13}{2} \quad ; \quad E = \frac{8}{9} - \frac{1}{3} = \frac{8}{9} - \frac{3}{9} = \frac{5}{9} \quad ; \quad F = 3 - \frac{5}{7} = \frac{3}{1} - \frac{5}{7} = \frac{21}{7} - \frac{5}{7} = \frac{16}{7}$$

$$G = \frac{13}{12} - \frac{19}{48} = \frac{52}{48} - \frac{19}{48} = \frac{33}{48} = \frac{11}{16} \quad ; \quad H = \frac{17}{13} - \frac{11}{65} = \frac{85}{65} - \frac{11}{65} = \frac{74}{65}$$

Ex 3 :

$$A = \frac{13}{8} + \frac{5}{2} + \frac{3}{4} = \frac{13}{8} + \frac{20}{8} + \frac{6}{8} = \frac{39}{8} \quad ; \quad B = \frac{5}{12} + \frac{11}{24} + \frac{1}{6} = \frac{10}{24} + \frac{11}{24} + \frac{4}{24} = \frac{25}{24}$$

$$C = 2 + \frac{3}{7} + \frac{11}{14} = \frac{2}{1} + \frac{3}{7} + \frac{11}{14} = \frac{28}{14} + \frac{6}{14} + \frac{11}{14} = \frac{45}{14}$$