



Classe de Quatrième

CORRIGE CR N° 2

$$\frac{2}{15} + \frac{7}{15} = \frac{2+7}{15} = \frac{9}{15} = \frac{3 \times 3}{3 \times 5} = \frac{3}{5}$$

$$\frac{3}{28} + \frac{2}{28} + \frac{9}{28} = \frac{3+2+9}{28} = \frac{14}{28} = \frac{1 \times 14}{2 \times 14} = \frac{1}{2} ;$$

$$\frac{7}{12} - \frac{3}{12} = \frac{7-3}{12} = \frac{4}{12} = \frac{4 \times 1}{4 \times 3} = \frac{1}{3}$$

$$\frac{4}{15} - \frac{4}{15} = \frac{4-4}{15} = \frac{0}{15} = 0$$

$$\frac{7}{9} - \frac{4}{9} - \frac{2}{9} = \frac{7-4-2}{9} = \frac{1}{9}$$

$$\frac{2}{3} + \frac{5}{6} = \frac{2 \times 2}{2 \times 3} + \frac{5}{6} = \frac{4}{6} + \frac{5}{6} = \frac{4+5}{6} = \frac{9}{6} = \frac{3 \times 3}{3 \times 2} = \frac{3}{2} ;$$

$$\frac{3}{5} + \frac{7}{10} = \frac{3 \times 2}{5 \times 2} + \frac{7}{10} = \frac{6}{10} + \frac{7}{10} = \frac{6+7}{10} = \frac{13}{10}$$

$$\frac{2}{7} + \frac{13}{28} = \frac{2 \times 4}{7 \times 4} + \frac{13}{28} = \frac{8}{28} + \frac{13}{28} = \frac{8+13}{28} = \frac{21}{28} = \frac{7 \times 3}{7 \times 4} = \frac{3}{4}$$

$$\frac{3}{2} - \frac{3}{8} = \frac{3 \times 4}{2 \times 4} - \frac{3}{8} = \frac{12}{8} - \frac{3}{8} = \frac{12-3}{8} = \frac{9}{8}$$

$$\frac{2}{7} + \frac{1}{5} = \frac{10}{35} + \frac{7}{35} = \frac{10+7}{35} = \frac{17}{35}$$

$$\frac{11}{15} - \frac{7}{10} = \frac{22}{30} - \frac{21}{30} = \frac{22-21}{30} = \frac{1}{30}$$

$$8 - \frac{3}{5} = \frac{8}{1} - \frac{3}{5} = \frac{8 \times 5}{1 \times 5} - \frac{3}{5} = \frac{40}{5} - \frac{3}{5} = \frac{40-3}{5} = \frac{37}{5} ;$$

$$\frac{9}{7} + \frac{7}{9} = \frac{9 \times 9}{7 \times 9} + \frac{7 \times 7}{9 \times 7} = \frac{81}{63} + \frac{49}{63} = \frac{81+49}{63} = \frac{130}{63}$$

$$\frac{5}{4} + \frac{11}{3} - \frac{1}{2} = \frac{5 \times 3}{4 \times 3} + \frac{11 \times 4}{3 \times 4} - \frac{1 \times 6}{2 \times 6} = \frac{15}{12} + \frac{44}{12} - \frac{6}{12} = \frac{15+44-6}{12} = \frac{53}{12}$$

$$\frac{-1}{6} + \frac{-5}{6} = \frac{-1+(-5)}{6} = \frac{-6}{6} = -1$$

$$\frac{2}{3} + \frac{-11}{9} = \frac{6}{9} + \frac{-11}{9} = \frac{6+(-11)}{9} = \frac{-5}{9}$$