

$$\frac{3}{8} + \frac{6}{4}$$

L'addition et la soustraction de fractions

1- Transforme les fractions impropres en nombre fractionnaire et l'inverse.

$$a) 1\frac{3}{5} = \frac{8}{5}$$

$$b) \frac{54}{5} = 10\frac{4}{5}$$

$$c) \frac{13}{8} = 1\frac{5}{8}$$

$$d) 9\frac{7}{9} = \frac{88}{9}$$

$$e) \frac{43}{6} = 7\frac{1}{6}$$

$$f) 6\frac{1}{9} = \frac{55}{9}$$

$$g) 7\frac{2}{8} = \frac{58}{8}$$

$$h) \frac{67}{12} = 5\frac{7}{12}$$

2- Effectue les additions et les soustractions suivantes. Simplifie tes réponses et laisse des traces de tes démarches.

$$a) \frac{2}{30} + \frac{4}{6} =$$

$$\frac{2 + 20}{30} = \frac{22}{30} = \frac{11}{15}$$

$$e) 1\frac{4}{9} + \frac{2}{3} =$$

$$\frac{13 + 6}{9} = \frac{19}{9} = 2\frac{1}{9}$$

$$i) \frac{3}{9} + \frac{2}{10} =$$

$$\frac{30 + 18}{90} = \frac{48}{90} = \frac{8}{15}$$

$$b) \frac{4}{7} + \frac{3}{4} =$$

$$\frac{16 + 21}{28} = \frac{37}{28} = 1\frac{9}{28}$$

$$f) 1\frac{3}{2} - \frac{3}{6} =$$

$$\frac{15 - 3}{6} = \frac{12}{6} = 2$$

$$j) 5 - \frac{4}{6} =$$

$$\frac{30 - 4}{6} = \frac{26}{6} = 4\frac{2}{6} = 4\frac{1}{3}$$

$$c) \frac{6}{12} - \frac{4}{48} =$$

$$\frac{24 - 4}{48} = \frac{20}{48} = \frac{5}{12}$$

$$g) 1\frac{1}{3} + 2\frac{5}{7} =$$

$$\frac{28 + 57}{21} = \frac{85}{21} = 4\frac{1}{21}$$

$$k) 4\frac{1}{3} - 3 =$$

$$\frac{13 - 9}{3} = \frac{4}{3} = 1\frac{1}{3}$$

$$d) \frac{5}{3} - \frac{3}{6} =$$

$$\frac{10 - 3}{6} = \frac{7}{6} = 1\frac{1}{6}$$

$$h) \frac{22}{8} - 1\frac{3}{8} =$$

$$\frac{22 - 20}{8} = \frac{2}{8} = \frac{1}{4}$$

$$l) 3 - 1\frac{5}{10} =$$

$$\frac{30 - 15}{10} = \frac{15}{10} = 1\frac{5}{10} = 1\frac{1}{2}$$