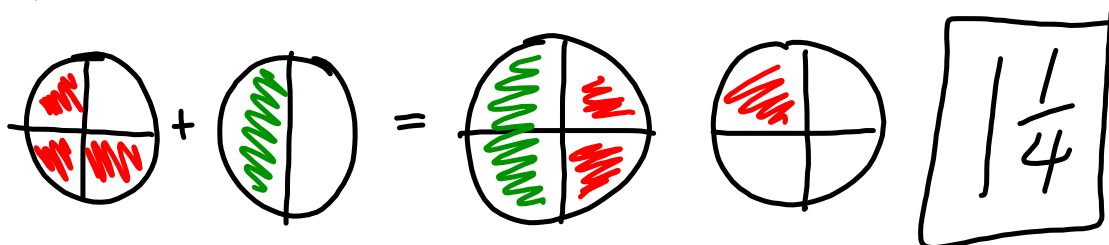


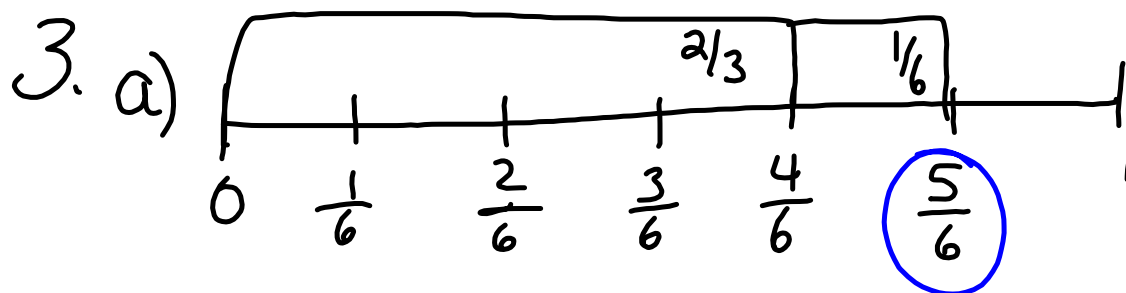
$$2. \frac{3}{4} + \frac{1}{2} =$$

a)



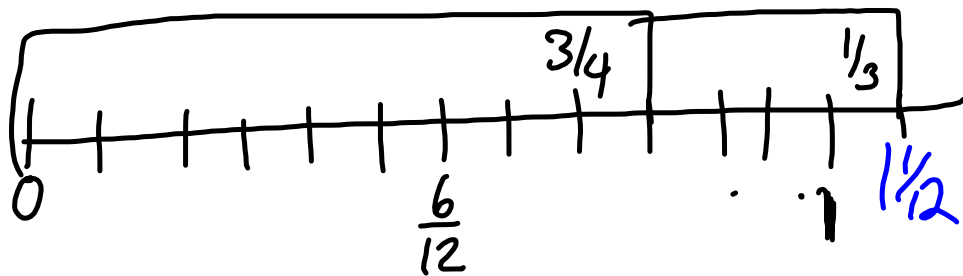
2 b)

$$\frac{1}{3} + \frac{3}{6} = \frac{5}{6}$$



$$\frac{3}{2} + \frac{1}{6} = \frac{5}{6}$$

3)

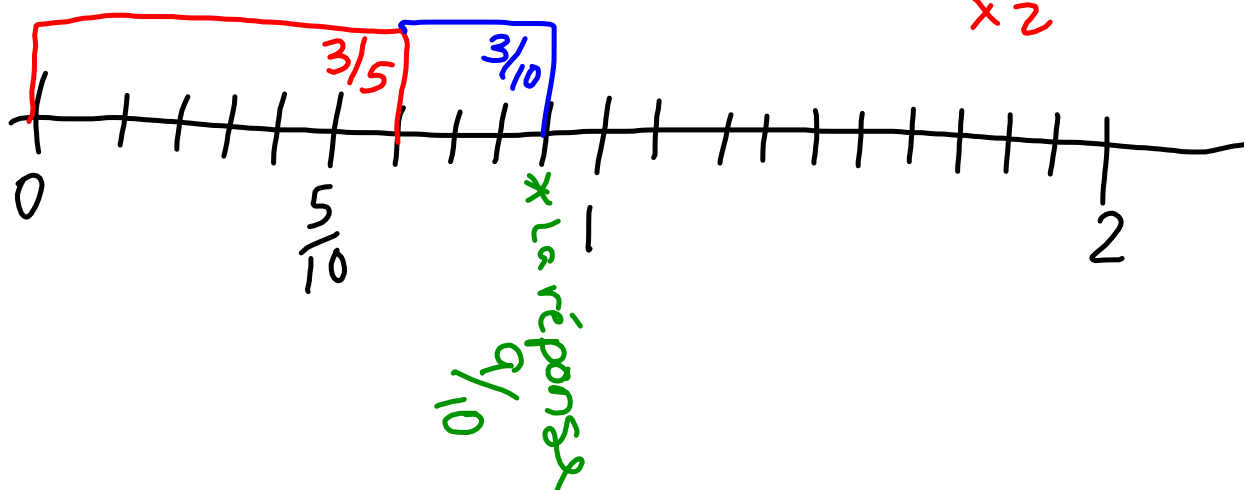



$$\frac{3}{4} + \frac{1}{3} = 1\frac{1}{12}$$

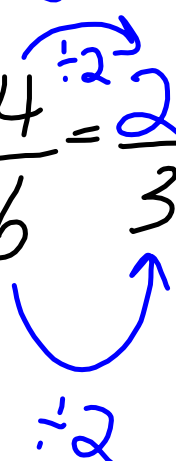
$$\frac{3^{x2}}{5^{x2}} + \frac{3}{10} = \frac{9}{10}$$

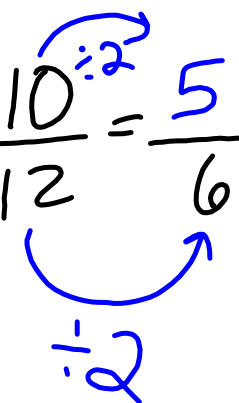
$$\frac{3^{x2}}{5} = \frac{6}{10}$$

x2



$$5a) \frac{3}{4} \stackrel{\times 3}{=} \frac{9}{12}$$


$$c) \frac{4}{6} \stackrel{\div 2}{=} \frac{2}{3}$$


$$b) \frac{10}{12} \stackrel{\div 2}{=} \frac{5}{6}$$


6.

Les multiples de 3

3 6 9 12 (15)

Les multiples de 5.

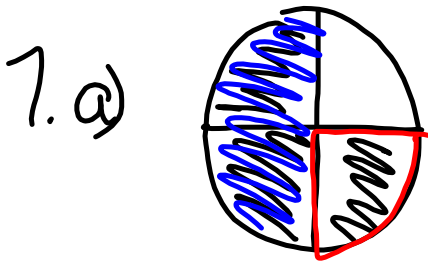
5 10 (15)

)

$$\frac{2}{3} + \frac{3}{5}$$

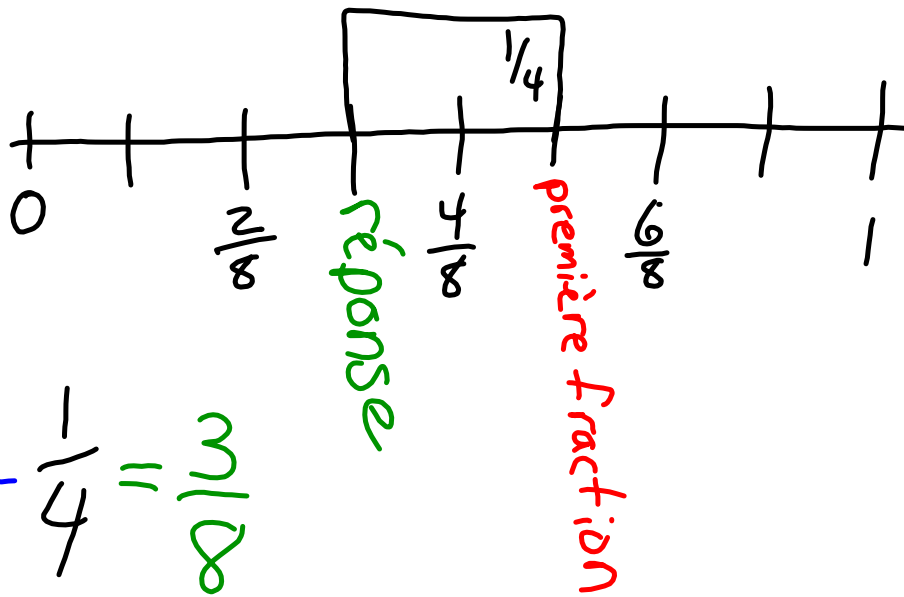
$$\frac{1}{15} + \frac{1}{15}$$

Les soustractions.



$$\frac{3}{4} - \frac{1}{2} = \frac{1}{4}$$

7. b)



8.

$$1 - \frac{1}{2} = \frac{1}{2}$$

$$\frac{4}{2} - \frac{3}{2} = \frac{1}{2}$$

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

$$9) \frac{3}{4} - \frac{1}{12}$$

Les multiples de 4
4 8 12 16

les multiples de 12
12

12 pour le
dénominateur.

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

$$\frac{9}{12} - \frac{1}{12}$$

$$\frac{8 \div 2}{12 \div 2} = \frac{4 \div 2}{6 \div 2} = \frac{2}{3}$$

Écris les fractions impropres

$$10a) 4\frac{2}{5}$$

$$\frac{22}{5}$$

$$B) 3\frac{2}{6}$$

$$\frac{20}{6} = \frac{10}{3}$$

$$c) 4\frac{1}{2}$$

$$\frac{9}{2}$$

11. Réduit à la forme la plus simple.

a) $\frac{30}{4}$

$7 \times 4 = 28$
 $\frac{30}{2} = 15$
 $\frac{28}{2} = 14$

$7\frac{2}{4}$

$7\frac{1}{2}$

b) $\frac{12}{10}$

$\frac{12}{10}$

$1\frac{1}{5}$

c) $\frac{9}{8}$

$1\frac{1}{8}$

12.

a) $\frac{7}{8} - \frac{5}{8}$

$\frac{2}{8} \div 2$

$\frac{1}{4}$

b) $\frac{2^{x^2}}{3^{x^2}} + \frac{2}{6}$

$\frac{4}{6} + \frac{2}{6}$

$\frac{6}{6} = \boxed{1}$

$$c) \quad \frac{2}{9} + \frac{1 \times 3}{3 \times 3}$$

$$\frac{2}{9} + \frac{3}{9}$$

$$\boxed{\frac{5}{9}}$$

$$d) \quad \frac{2 \times 3}{3 \times 3} - \frac{2}{9}$$

$$\frac{6}{9} - \frac{2}{9}$$

$$\boxed{\frac{4}{9}}$$

$$E) 3\frac{7}{10} + 2\frac{1}{10}$$

$$\frac{37}{10} + \frac{21}{10}$$

change a des fractions impropres

$$\frac{58}{10} \leftarrow \text{réduit} \frac{37}{10} + \frac{21}{10} = \frac{58}{10}$$
$$5\frac{8}{10} = \boxed{5\frac{4}{5}}$$

$$f. \quad 5 \frac{11}{12} - \frac{7}{12}$$

$$\frac{71}{12} - \frac{19}{12}$$

$$\frac{52}{12} = 4 \frac{4}{12} = \boxed{4 \frac{1}{3}}$$

$$G) \quad 3\frac{7}{8} + \frac{5}{8}$$

$$\frac{31}{8} + \frac{13}{8}$$

$$\frac{44}{8} = 5\frac{4}{8} =$$

$$\boxed{5\frac{1}{2}}$$

$$f) \quad 2\frac{5}{7} - 1\frac{3}{14}$$

$$\frac{19}{7} - \frac{17}{14}$$

$$\frac{38}{14} - \frac{17}{14}$$

$$\frac{21}{14} = 1\frac{7}{14} = \boxed{1\frac{1}{2}}$$

fractions impropres

...

dénominateurs en communs.

$$\frac{7}{8} - \frac{3}{4} \times 2$$

$$\frac{7}{8} - \frac{6}{8}$$

$$\boxed{\frac{1}{8}}$$

$$\frac{3 \times 2}{4 \times 2} + \frac{7}{8}$$

$$\frac{6}{8} + \frac{7}{8} = \frac{13}{8} = \boxed{\frac{17}{8}}$$

