

Correction de la numération du 27/04 - LES FRACTIONS DECIMALES

- exercice 1 Décomposer les fractions :

$$\frac{342}{100} = \frac{300}{100} + \frac{40}{100} + \frac{2}{100} = 3 + \frac{4}{10} + \frac{2}{100}$$

$$\frac{34}{10} = \frac{30}{10} + \frac{4}{10} = 3 + \frac{4}{10}$$

$$\frac{461}{10} = \frac{400}{10} + \frac{60}{10} + \frac{1}{10} = 40 + 6 + \frac{1}{10} = 46 + \frac{1}{10}$$

$$\frac{907}{100} = \frac{900}{100} + \frac{7}{100} = 9 + \frac{7}{100}$$

$$\frac{52}{100} = \frac{50}{100} + \frac{2}{100} = \frac{5}{10} + \frac{2}{100}$$

$$\frac{2126}{1000} = \frac{2000}{1000} + \frac{100}{1000} + \frac{20}{1000} + \frac{6}{1000} = 2 + \frac{1}{10} + \frac{2}{100} + \frac{6}{1000}$$

$$\frac{138}{1000} = \frac{100}{1000} + \frac{30}{1000} + \frac{8}{1000} = \frac{1}{10} + \frac{3}{100} + \frac{8}{1000}$$

- exercice 2 : 8 p 43

$$1 = \frac{10}{10} \quad \left| \quad 7 = \frac{70}{10} \quad \left| \quad 2 = \frac{200}{100} \quad \left| \quad 9 = \frac{900}{100} \quad \left| \quad 3 = \frac{3000}{1000} \quad \left| \quad 16 = \frac{160}{10} \right. \right. \right. \right.$$

- exercice 3 Ecrire sous forme d'une seule fraction décimale :

$$\text{Il fallait choisir le dénominateur } 100 : 1 + \frac{38}{100} = \frac{100}{100} + \frac{38}{100} = \frac{138}{100}$$

$$\text{Il fallait choisir le dénominateur } 1000 : 5 + \frac{45}{1000} = \frac{5000}{1000} + \frac{45}{1000} = \frac{5045}{1000}$$

$$\text{Il fallait choisir le dénominateur } 1000 : 8 + \frac{9}{1000} = \frac{8000}{1000} + \frac{9}{1000} = \frac{8009}{1000}$$

$$\text{Il fallait choisir le dénominateur } 10 : 12 + \frac{9}{10} = \frac{120}{10} + \frac{9}{10} = \frac{129}{10}$$

- exercice 4 Je travaille seul(e) page 43

$$\frac{2}{10} < \frac{20}{10} \text{ car } 2 < 20 \text{ (même dénominateur)}$$

$$\frac{4}{100} < \frac{4}{10} \text{ car } \frac{4}{10} = \frac{40}{100} \text{ et } 4 < 40$$

$$\frac{50}{1000} < \frac{60}{1000} \text{ car } 50 < 60 \text{ (même dénominateur)}$$

$$\frac{13}{10} > \frac{10}{10} \text{ car } 13 > 10 \text{ (remarque : } \frac{10}{10} = 1 \text{ alors que } \frac{13}{10} > 1)$$

$$\frac{60}{1000} = \frac{6}{100} \text{ car je simplifie } \frac{60}{1000} = \frac{6}{100}$$

$$\frac{7}{10} = \frac{70}{100} \text{ car je simplifie } \frac{70}{100} = \frac{7}{10}$$