

CM2 - Correction des exercices du mardi 24/03 et du mercredi 25/03 - Fraction décimale vers nombre décimal

3 ★

$$\textcircled{B} = 2 + \frac{7}{10} + \frac{5}{100} = 2,75$$

$$\textcircled{C} = 3 + \frac{8}{10} + \frac{5}{100} = 3,85$$

$$\textcircled{D} = 2 + \frac{5}{10} = 2,5$$

$$\textcircled{E} = 4 + \frac{4}{10} + \frac{5}{100} = 4,45$$

$$\textcircled{F} = 3 + \frac{1}{10} + \frac{5}{100} = 3,15$$

$$\textcircled{G} = 4 + \frac{9}{10} + \frac{5}{100} = 4,95$$

5 ★

$$\text{a. } \frac{256}{100} = \frac{200}{100} + \frac{50}{100} + \frac{6}{100} = 2 + \frac{5}{10} + \frac{6}{100} = 2,56$$

$$\text{b. } \frac{102}{100} = \frac{100}{100} + \frac{2}{100} = 1 + \frac{2}{100} = 1,02$$

$$\text{c. } \frac{4}{100} = 0,04$$

$$\text{d. } \frac{58}{10} = \frac{50}{10} + \frac{8}{10} = 5 + \frac{8}{10} = 5,8$$

$$\text{e. } \frac{45}{100} = \frac{40}{100} + \frac{5}{100} = \frac{4}{10} + \frac{5}{100} = 0,45$$

$$\text{f. } \frac{36}{10} = \frac{30}{10} + \frac{6}{10} = 3 + \frac{6}{10} = 3,6$$

$$\text{g. } \frac{1350}{1000} = \frac{1000}{1000} + \frac{300}{1000} + \frac{50}{1000} = 1 + \frac{3}{10} + \frac{5}{100} = 1,35$$

$$\text{h. } \frac{1200}{100} = 12$$

4 ★

$$\text{a. neuf dixièmes} = \frac{9}{10} = 0,9$$

$$\text{b. quinze dixièmes} = \frac{15}{10} = 1,5$$

$$\text{c. douze centièmes} = \frac{12}{100} = 0,12$$

$$\text{d. trente-six centièmes} = \frac{36}{100} = 0,36$$

$$\text{e. cent-dix-huit centièmes} = \frac{118}{100} = 1,18$$

6 ★

$$\text{a. } \frac{726}{100} = 7,26$$

$$\text{b. } \frac{35}{10} = 3,5$$

$$\text{c. } \frac{4\,128}{1000} = 4,128$$

$$\text{d. } \frac{608}{100} = 6,08$$

$$\text{e. } \frac{1052}{1000} = 1,052$$

$$\text{f. } \frac{304}{100} = 3,04$$

$$\text{g. } \frac{2\,365}{1000} = 2,365$$

$$\text{h. } \frac{1568}{10} = 156,8$$

7 ★

Partie entière	,	Partie décimale	Fraction décimale	Nombre décimal
4	,	58	$\frac{458}{100}$	4,58
2	,	5	$\frac{25}{10}$	2,5
9	,	54	$\frac{954}{100}$	9,54
2	,	8	$\frac{28}{10}$	2,8
82	,	06	$\frac{8\,206}{100}$	82,06
0	,	42	$\frac{42}{100}$	0,42

8 ★

★ **PROBLÈME**

a. impossible

b. possible

c. possible

d. impossible

car : a. $50/10 = 5\text{km/h}$ b. $250/10 = 25\text{km/h}$ c. $450/100 = 4,5\text{km/h}$ d. $25/10 = 2,5\text{km/h}$