

Gr. 8

## Revision - Module 5

1) a.  $0,7\% = \frac{0,7}{100} = \frac{7}{1000} = 0,007$

b.  $0,44\% = \frac{0,44}{100} = \frac{44}{10000} = 0,0044$

c.  $0,15\% = \frac{0,15}{100} = \frac{15}{10000} = 0,0015$

d.  $0,9\% = \frac{0,9}{100} = \frac{9}{1000} = 0,009$

2) a.  $\frac{30\% = 12}{100\% = 40} = \frac{12}{40} = 0,3$

b.  $\frac{2\% = 9}{100\% = 450} = \frac{9}{450} = 0,02$

c.  $\frac{150\% = 60}{100\% = 40} = \frac{60}{40} = 1,5$

3) a.  $\frac{8\% = 72}{100\% = 900} = \frac{72}{900} = 0,08$

b.  $\frac{0,6\% = 18}{100\% = 3000} = \frac{18}{3000} = 0,006$

$\frac{72}{8} = 9$

$\frac{18}{0,6} = 30$

Hilroy

$$4) a. \left( \frac{99,9 - 93,9}{93,9} \right) \times 100$$

$$\left( \frac{6}{93,9} \right) \times 100 = 6,389776$$

$$= \boxed{6\%} \text{ ou } \boxed{6,4\%}$$

$$b. \left( \frac{36000 - 32000}{32000} \right) \times 100$$

$$\left( \frac{4000}{32000} \right) \times 100 = \boxed{12,5\%}$$

$$5) a. \left( \frac{6800 - 5200}{6800} \right) \times 100$$

$$\left( \frac{1600}{6800} \right) \times 100 = 23,529411$$

$$= \boxed{23,5\%}$$

$$b. \left( \frac{1500 - 1200}{1500} \right) \times 100$$

$$\left( \frac{300}{1500} \right) \times 100 = \boxed{20\%}$$

$$6) \quad 4\% = 372 \text{ (défaut)}$$

$$100\% = 9300 \text{ (total)}$$

$$9300 - 372 = \boxed{8928} \text{ (pas de défaut)}$$

7)  $84,99\$ = 85\%$  (Parce que c'est -15%)

Trouve  
1%

$$\frac{84,99}{85} = 0,999882352$$

Trouve  
100%

$$0,999882352 \times 100 = \boxed{99,99\$}$$

8) Prix courant = 1250\$

Choix A

$$1250 \times 0,15 = 187,5$$

$$1250\$ - 187,50\$ = \boxed{1062,50\$}$$

Choix B

$$\begin{array}{r} 1250\$ \\ - 200\$ \\ \hline \boxed{1050\$} \end{array}$$

La meilleure offre est Choix B.

9) a. 74,99\$

$$74,99 \times 0,25 = 18,75\$$$

Rabais

$$74,99 - 18,75 = 56,24\$$$

Taxe

$$56,24 \times 1,13 = \boxed{63,55\$}$$

b. 74,99

$$74,99 \times 0,6 = 44,99\$$$

$$74,99 - 44,99 = 30\$$$

$$30 \times 1,13 = \boxed{33,90\$}$$