

$$3a) \quad \frac{7}{1000} = 0,7\%$$

$$\frac{7}{1000} = 0,007$$

$$c) \quad \frac{3}{2000} = 0,0015$$

$$b) \quad \frac{11}{2500} = 0,44\%$$

$$\frac{0,44 \times 100}{100 \times 100} = \frac{44}{10000}$$

$$\frac{11}{2500}$$

4.

a) $0,221$

$$\frac{221}{1000} \quad 22,1\%$$

b) $0,003$

$$\frac{3}{1000} \quad 0,3\%$$

c) $0,2225$

$$\frac{2225}{10000} = \boxed{\frac{89}{400}} \quad 22,25\%$$

5

$$\frac{19}{24}$$

81,25% Addison

$$19 \div 24 \times 100 = 79,1\bar{6}\%$$



124% de 450 000\$

$$1,24 \times 450\,000$$

$$558\,000\$$$

B) 124% est proche de 120%
10% de 450 000 \$ = 45 000\$

Donc 120% = 100% + 10% + 10%

$$\begin{aligned} \text{alors } 450\,000\$ + 45\,000\$ + 45\,000\$ \\ = 540\,000\$ \end{aligned}$$

7. a) 30% d'un nombre est 12

$$0,30 \times N = 12$$

$$N = \frac{12}{0,30}$$

$$N = 40$$

$$\begin{aligned} & \text{du livre} \\ & \cdot \frac{12}{30} \times 100 \\ & 40 \end{aligned}$$

B. 0,02 de N = 9

$$N = \frac{9}{0,02} = 450$$

$$\frac{9}{2} \times 100 = 450$$

C) 150% d'un nombre est 60

$$\frac{60}{1,50} = 40$$

$$\frac{60}{150} \times 100 = 40$$

$$8 \quad a) \quad 8\% = 72 \text{ cm}$$

$$\frac{72}{8} = 9 = 1\%$$

$$9 \times 100 = 900\%_{\text{cm}} = 9 \text{ m}$$

$$b) \quad 0,6\% = 18 \text{ g}$$

$$\frac{18}{0,6} \times 100 = 3000 \text{ g ou } 3 \text{ kg}$$

$$c) \quad 120\% = 24 \text{ m}$$

$$\frac{24}{120} \times 100 = 20 \text{ m}$$

9. 93,9¢ à 99,9¢

$$\frac{\text{Change ment}}{\text{original}} \times 100$$

$$\begin{array}{r} 99,9 \\ -93,9 \\ \hline 6,0 \end{array}$$

$$\frac{6,0}{93,94} \times 100 = \approx 6,4\%$$

B) 32 000\$ à 36 000\$

$$\frac{4000\$}{32000\$} \times 100$$
$$12,5\%$$

Changement

$$\begin{array}{r} 36\ 000 \\ -32\ 000 \\ \hline 4\ 000 \end{array}$$

10 ↓ 6800 à 5200

$$\frac{1600}{6800} \times 100$$

$$\begin{array}{r} 6800 \\ - 5200 \\ \hline 1600 \end{array}$$

23,5%

10 B) ↓

$$840 \text{ à } 672$$
$$\begin{array}{r} 840 \\ -672 \\ \hline 168 \end{array}$$
$$\frac{168}{840} \times 100 = 20\%$$

11. pouboire 15% = 10,25\$

$$15\% \text{ de } F = 10,25\$$$

$$0,15 \times F = 10,25$$

$$F = \frac{10,25}{0,15} = 68,33\$$$

$$\begin{array}{r} 10,25 \\ \hline 15 \cdot \frac{1}{100} \\ \hline 68,33\$ \end{array}$$