



COLÉGIO CRESCER

Ensino Fundamental  
I e II

Turma 8A

Prof. Adilson D. Terezan 3º Bimestre Data: 03/09/2021

Aula 12 de Matemática

Correção Exercícios

| 1) Tipo de loja | Qtd. | %    | Graus |
|-----------------|------|------|-------|
| Sapataria       | 250  | 17,9 | 64,4  |
| Lanchonete      | 450  | 32,1 | 115,5 |
| Ótica           | 180  | 12,9 | 46,4  |
| Confecção       | 520  | 37,1 | 133,5 |
| Total           | 1400 | 100  | 359,8 |

Porcentagem

a)  $1400 = 100\%$

$180 = x$

$x = \frac{250 \cdot 100}{1400} = \frac{25000}{1400} = 17,9\%$

Graus

a)  $360^\circ = 100\%$

$x = 17,9$

$x = \frac{360 \cdot 17,9}{100} = \frac{6444}{100} = 64,4^\circ$

b)  $1400 = 100\%$

$450 = x$

$x = \frac{450 \cdot 100}{1400} = \frac{45000}{1400} = 32,1\%$

b)  $360^\circ = 100\%$

$x = 32,1\%$

$x = \frac{360 \cdot 32,1}{100} = \frac{11556}{100} = 115,5^\circ$

c)  $1400 = 100\%$

$180 = x$

$x = \frac{180 \cdot 100}{1400} = \frac{18000}{1400} = 12,9\%$

c)  $360^\circ = 100\%$

$x = 12,9\%$

$x = \frac{360 \cdot 12,9}{100} = \frac{4644}{100} = 46,4^\circ$

d)  $1400 = 100\%$

$520 = x$

$x = \frac{520 \cdot 100}{1400} = \frac{52000}{1400} = 37,1\%$

d)  $360^\circ = 100\%$

$x = 37,1\%$

$x = \frac{360 \cdot 37,1}{100} = \frac{13356}{100} = 133,5^\circ$

2) a)  $40000 = 100\%$

$x = 40,5\%$

$x = \frac{40000 \cdot 40,5}{100} = \frac{1620000}{100} = 16200$

b)  $40000 = 100\%$

$x = 9\%$

$x = \frac{40000 \cdot 9}{100} = \frac{360000}{100} = 3600$

c)  $40000 = 100\%$

$x = 10,8 + 18,5 = 29,3\%$

$x = \frac{40000 \cdot 29,3}{100} = \frac{1172000}{100} = 11720$

$$\begin{aligned} \text{e) } 360^\circ &= 100\% \\ x &= 21,2\% \\ x &= \frac{360 \cdot 21,2}{100} = \frac{7632}{100} = 76,32^\circ \end{aligned}$$

3) a) **Caseiro**

b) **12**

c)  $9 + 6 + 12 + 3 + 15 = 45$

d)  $9 - 3 = 6$

4) a) Tabela de frequência

|   |      |      |      |      |      |
|---|------|------|------|------|------|
| L | 0,96 | 0,98 | 1,00 | 1,02 | 1,04 |
| Q | 4    | 6    | 5    | 4    | 1    |
| % | 20   | 30   | 25   | 20   | 5    |

$$20 = 100\%$$

$$6 = x$$

$$x = \frac{6 \cdot 100}{20} = \frac{600}{20} = 30\%$$

$$20 = 100\%$$

$$5 = x$$

$$x = \frac{5 \cdot 100}{20} = \frac{500}{20} = 25\%$$

$$20 = 100\%$$

$$4 = x$$

$$x = \frac{4 \cdot 100}{20} = \frac{400}{20} = 20\%$$

$$20 = 100\%$$

$$1 = x$$

$$x = \frac{1 \cdot 100}{20} = \frac{100}{20} = 5\%$$

5) Total do país 1,9% **(b)**: Nordeste 1,5%; Norte 1,5%; Sudeste 1,9%.

6) **(e)**

7) **(a)**