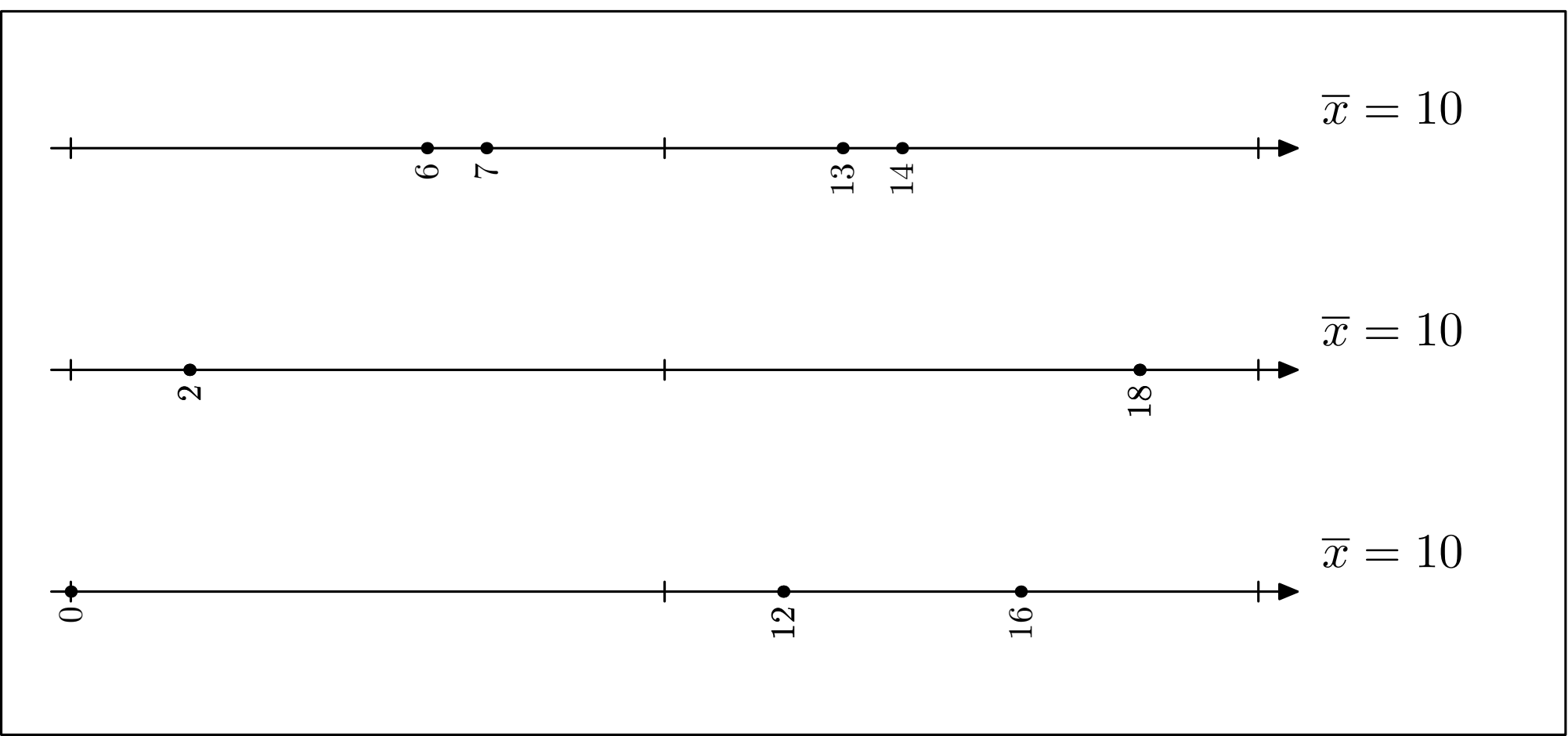
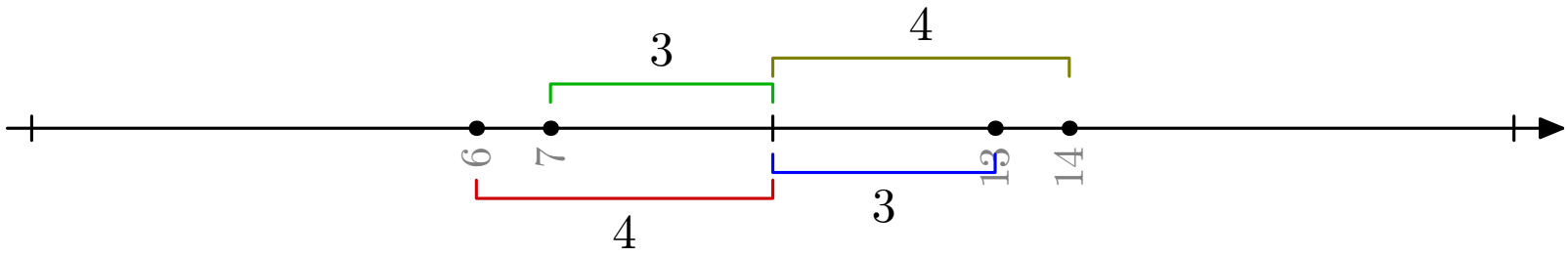
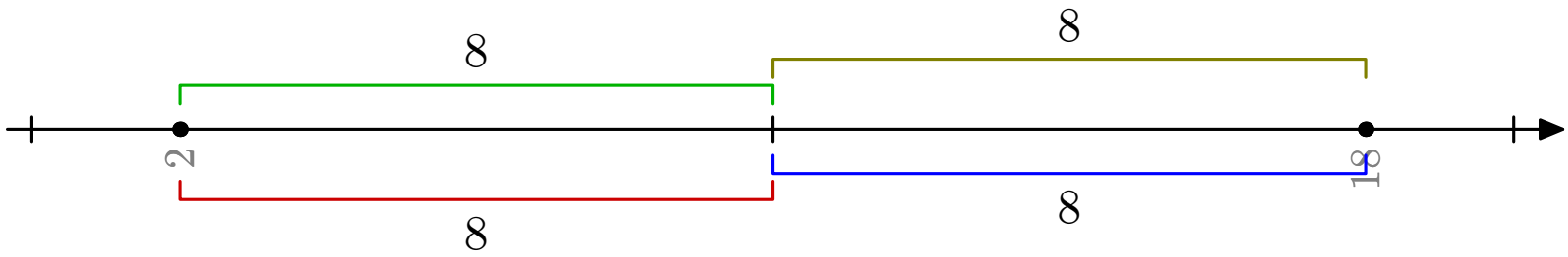
$\overline{x} = 10$
6
7
13
14
6
7
13
14
6
7
13
14


$\overline{x} = 10$
6
7
13
14
$\overline{x} = 10$
2
18
$\overline{x} = 10$
0
12
16



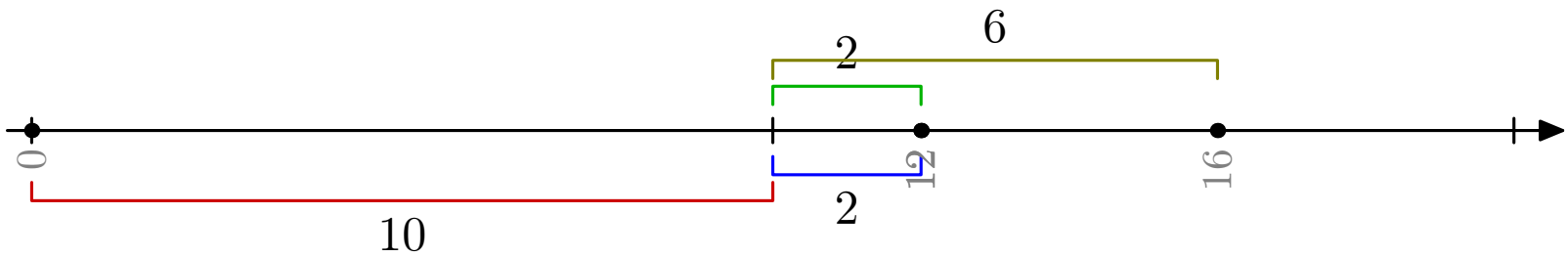
$\overline{x} = 10$

$\sum (\text{écart})^2 = 50$



$\overline{x} = 10$

$\sum (\text{écart})^2 = 256$

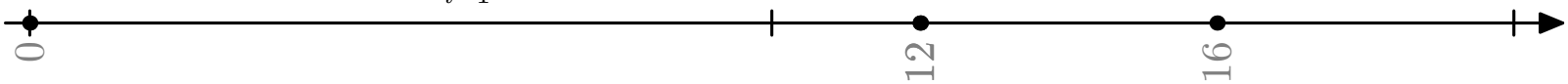


$\overline{x} = 10$

$\sum (\text{écart})^2 = 144$

x_i	0	12	16
n_i	1	2	1
$x_i - \overline{x}$	-10	2	6
$\left(x_i - \overline{x}\right)^2$	100	4	36
$n_i \cdot \left(x_i - \overline{x}\right)^2$	100	8	36

$$V = \frac{\sum_{i=1}^{3} n_i \cdot \left(x_i - \overline{x}\right)^2}{\sum_{i=1}^{3} n_i} = \frac{144}{4} = 36 \qquad \sigma = \sqrt{V} = 6$$



$\overline{x} = 10$

$$\frac{\sum \left(\text{écart}\right)^2}{4} = 36$$

$\sigma = 6$