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7
13
14
6
7
13
14
6
7
13
14

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

$\overline{x} = 10$
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7
13
14
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5,6
6,5
13,5
14,4
6
7
13
14

$\overline{x} = 10$

6 7 13 14

$\overline{x} = 10$

5,2 6 14 14,8

6 7 13 14

$\overline{x} = 10$
6
7
13
14
$\overline{x} = 10$
4,8
5,5
14,5
15,2
6
7
13
14

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14
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15,6
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7
13
14

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$\overline{x} = 10$
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4,5
15,5
16
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7
13
14

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14
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3,6
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16,4
16
6
7
13
14

$\overline{x} = 10$

6 7 13 14

$\overline{x} = 10$

3,2 3,5 16,5 16,8

6 7 13 14

$\overline{x} = 10$
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7
13
14
$\overline{x} = 10$
2,8
3
17
2
7
6
7
13
14

$\overline{x} = 10$

6 7 13 14

$\overline{x} = 10$

2,4 17,6

6 7 13 14

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

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14
$\overline{x} = 10$
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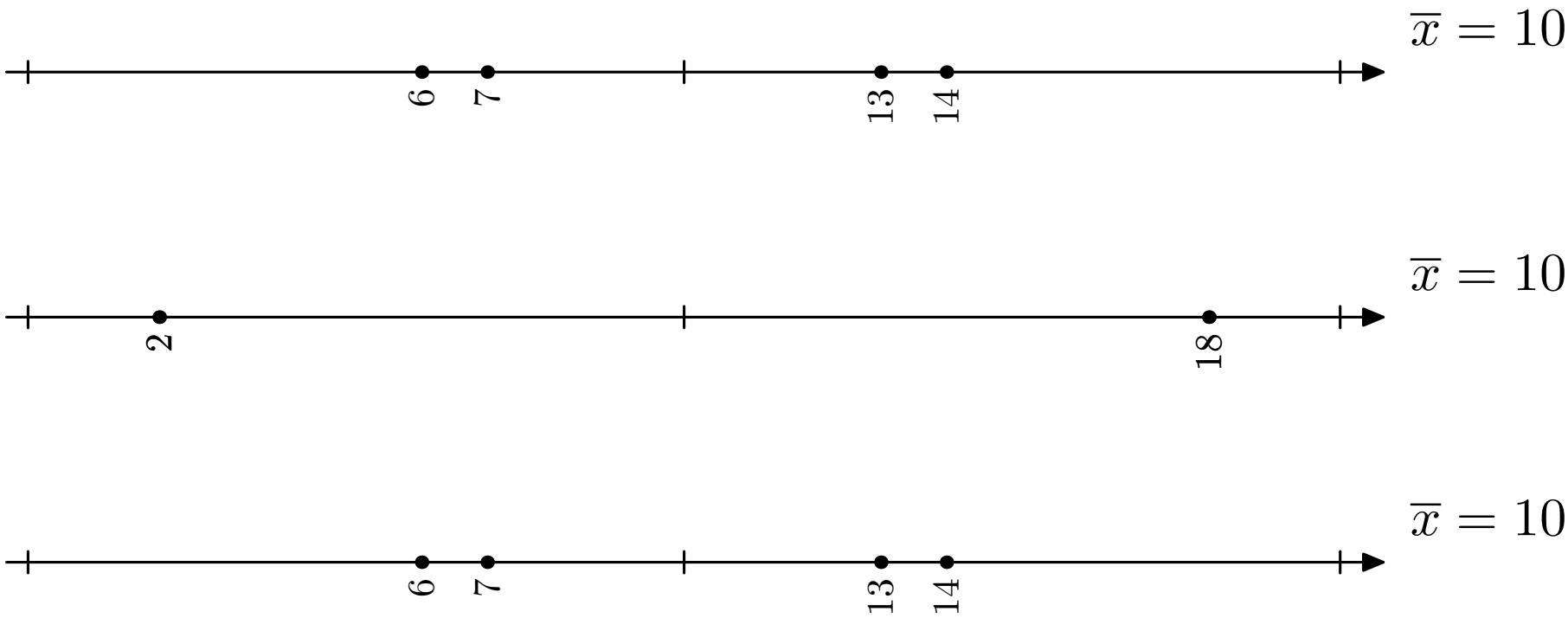
7
13
14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18
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6
7
13
14

$\overline{x} = 10$
6
7
13
14
$\overline{x} = 10$
2
18
$\overline{x} = 10$
5,4
7,5
12,9
14,2

$\overline{x} = 10$
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14
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2
18
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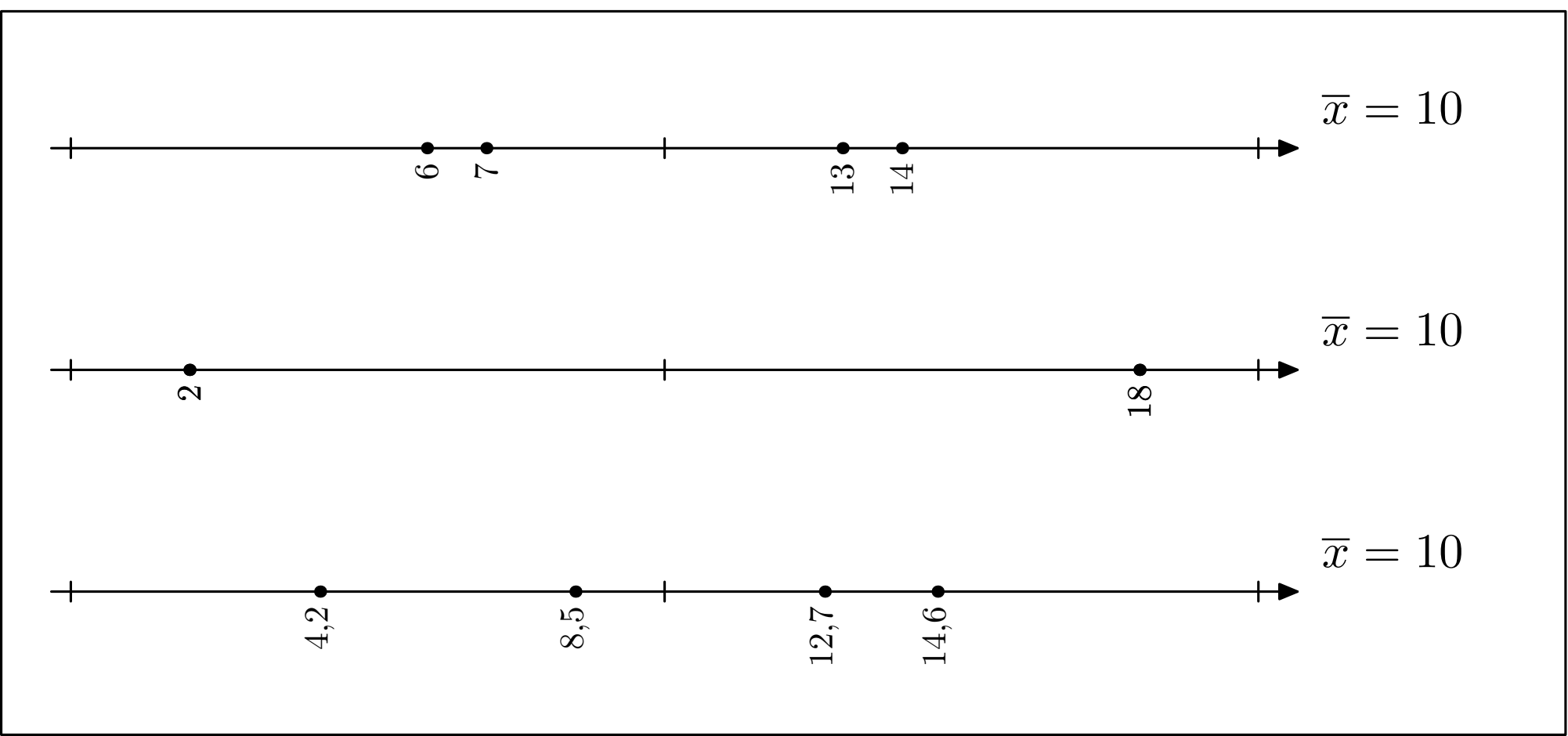
4,8
8
12,8
14,4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2
18
$\overline{x} = 10$
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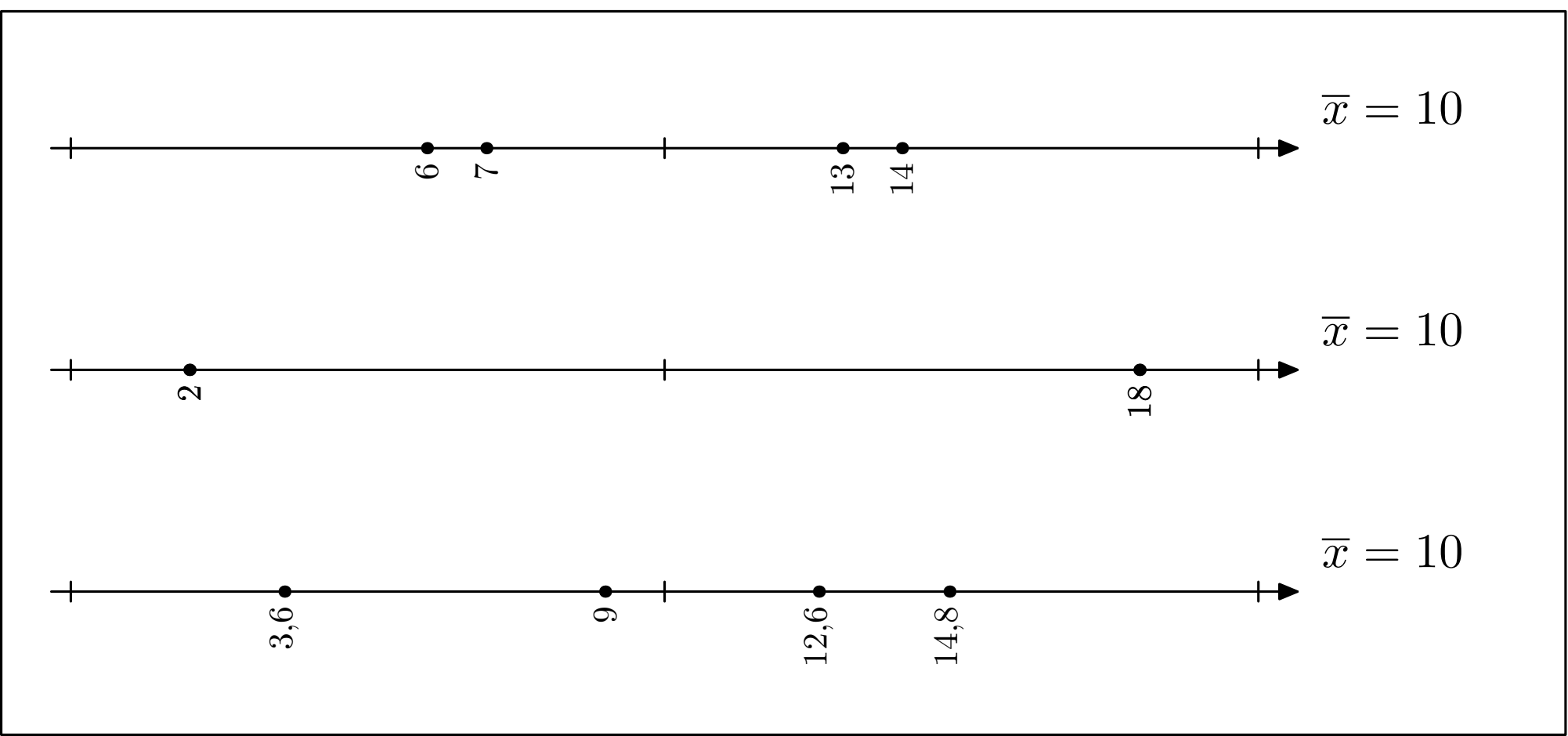
8,5
12,7
14,6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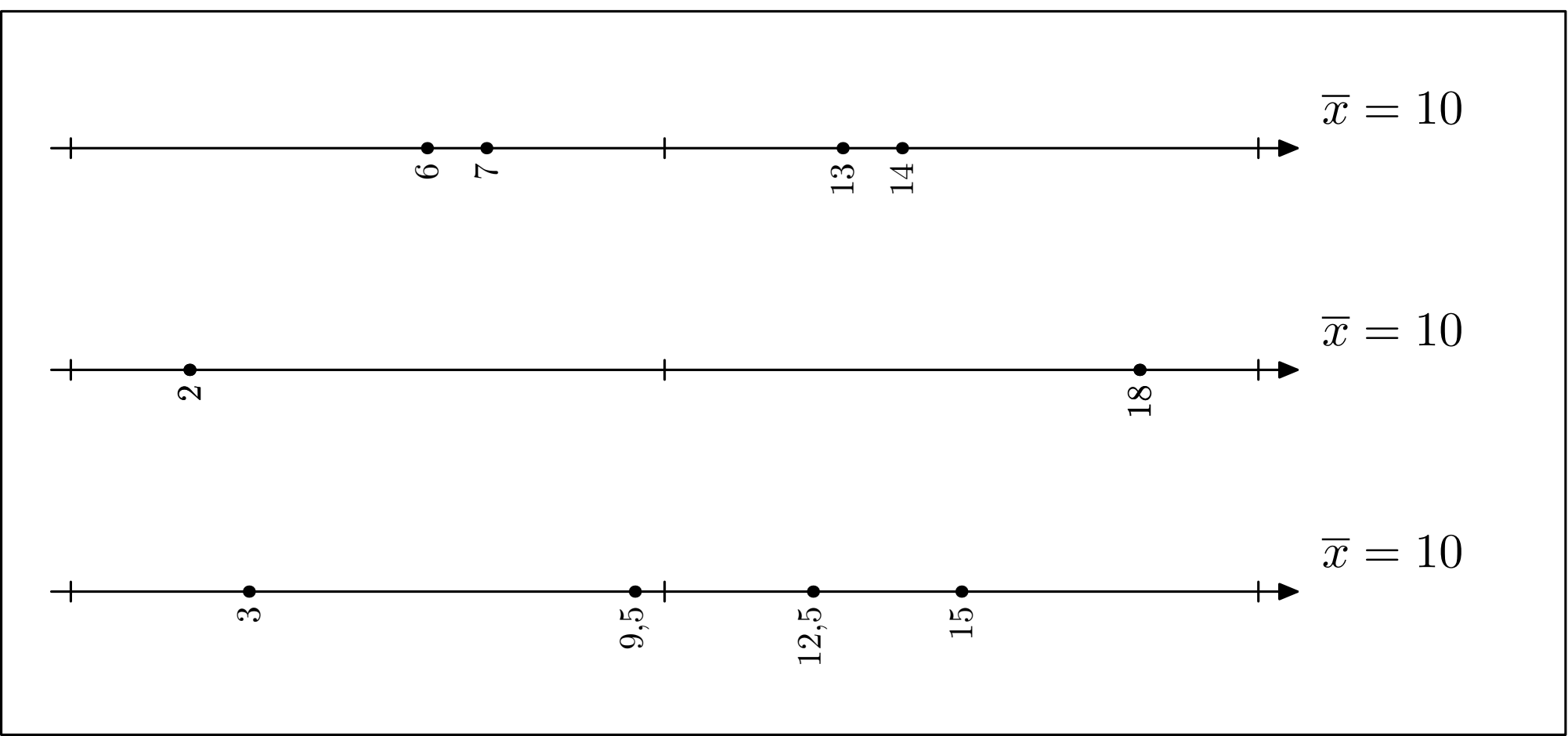
$\overline{x} = 10$
2
18
$\overline{x} = 10$
3,6
9
12,6
14,8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18
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3
9,5
12,5
15

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7
13
14
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2
18
$\overline{x} = 10$
2,4
10
12,4
15,2

$\overline{x} = 10$
6
7
13
14
$\overline{x} = 10$
2
18
$\overline{x} = 10$
1,8
10,5
12,3
15,4

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6
7
13
14
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2
18
$\overline{x} = 10$
1,2
11
12,2
15,6

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14
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2
18
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0,6
11,5
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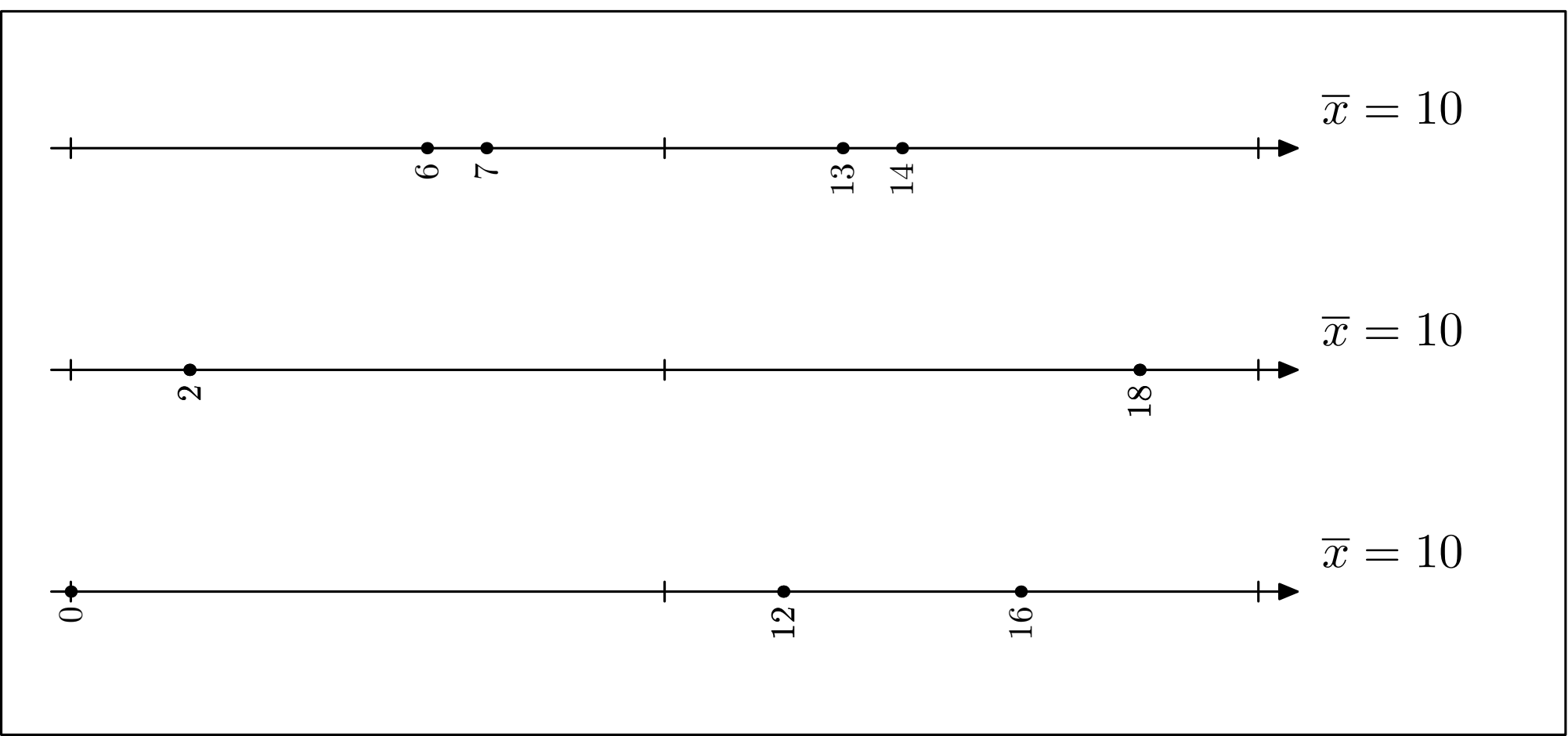
15,8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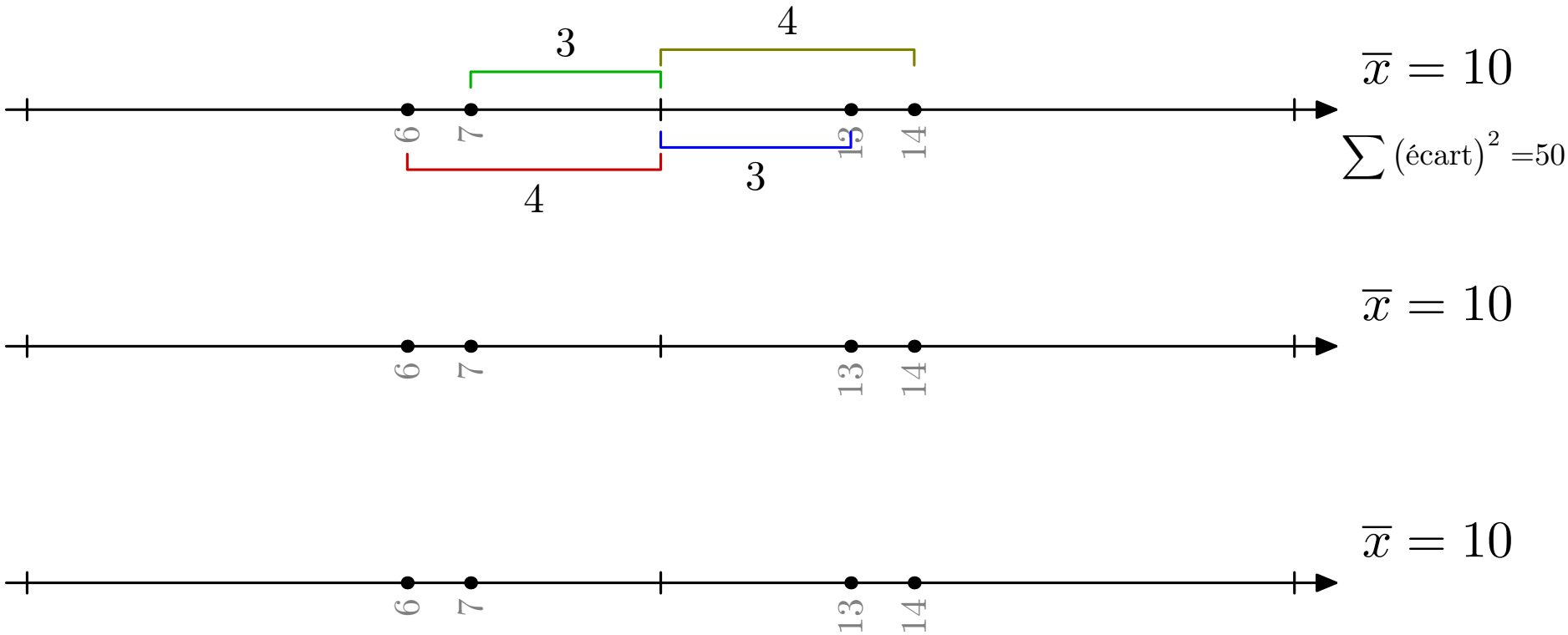
2
18
$\overline{x} = 10$
0
12
16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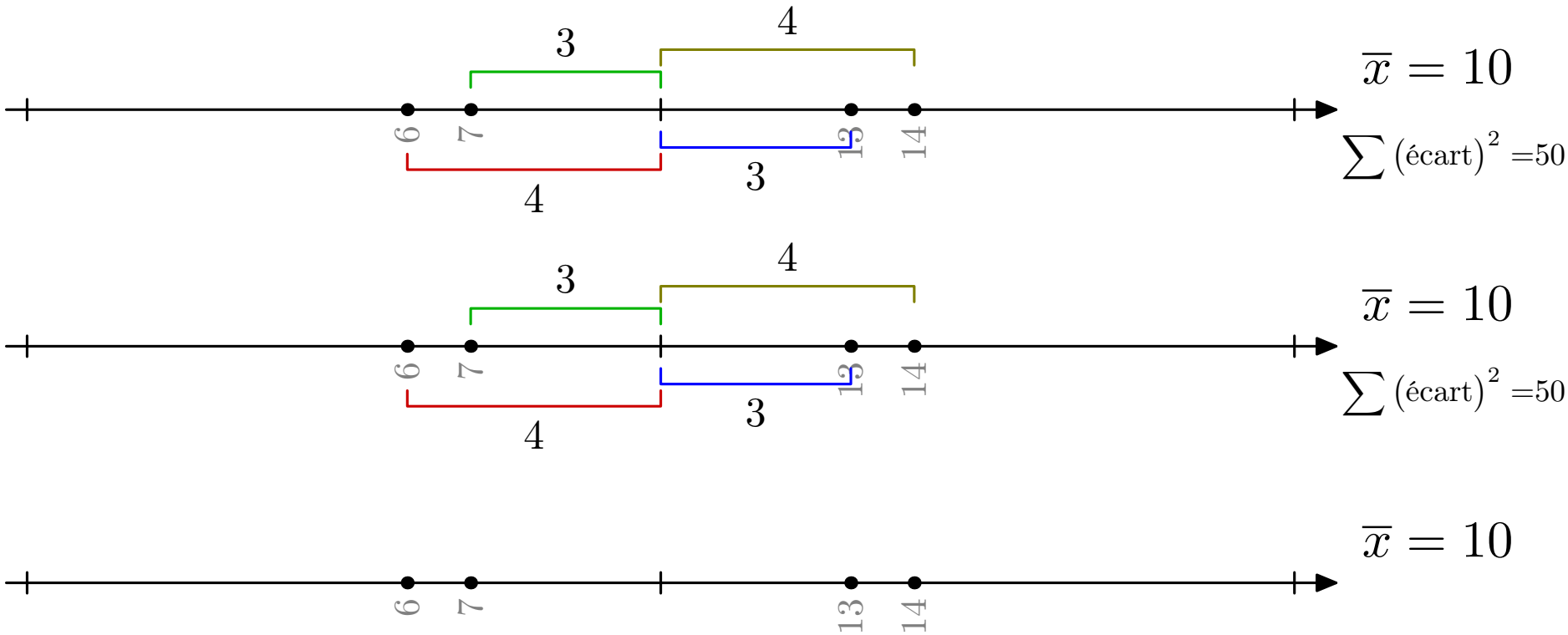
$\overline{x} = 10$
$\overline{x} = 10$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7
13
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3
$\overline{x} = 10$
$\sum (\text{écart})^2 = 50$
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6
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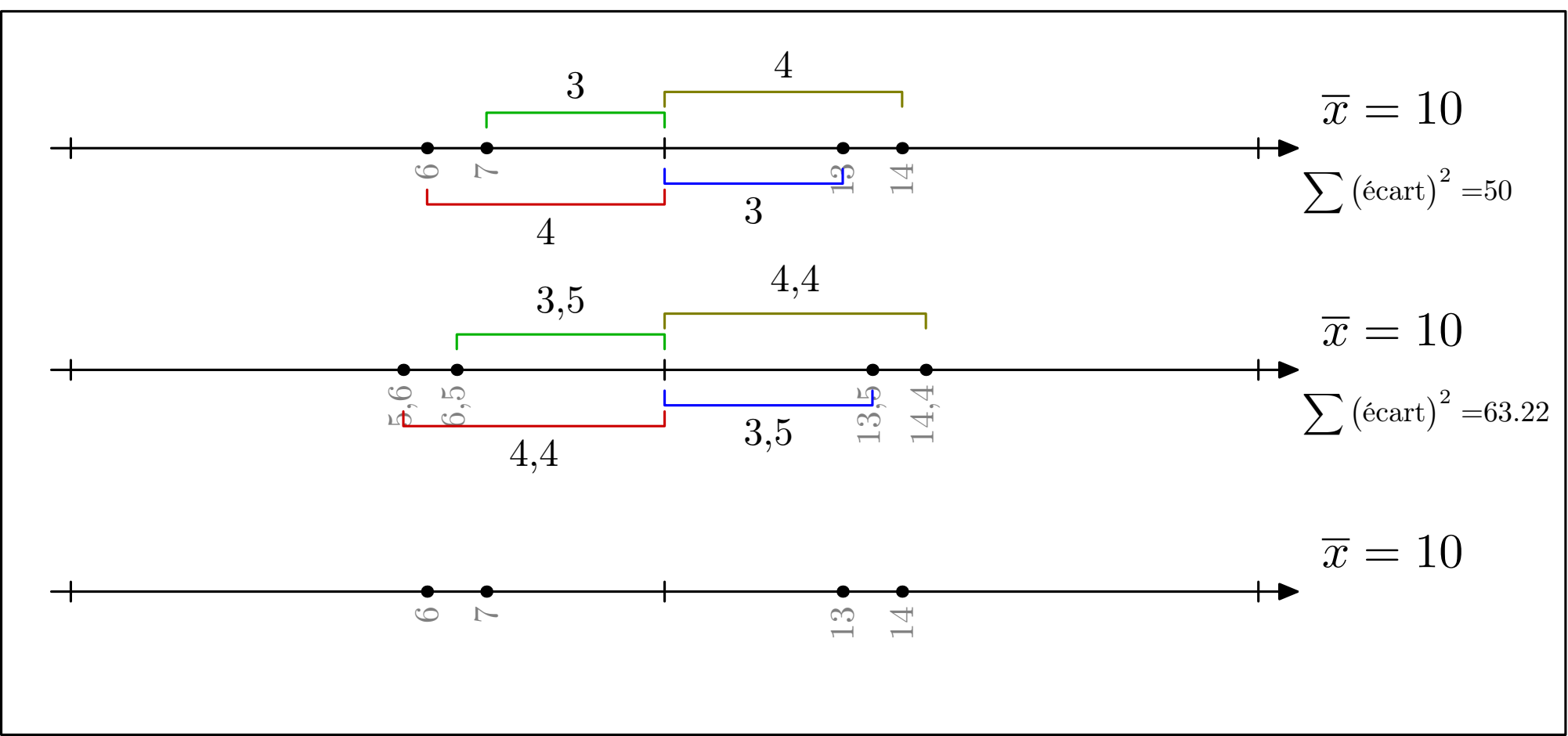
14
4
3
$\overline{x} = 10$
$\sum (\text{écart})^2 = 50$
6
7
13
14
$\overline{x} = 10$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4
$\overline{x} = 10$
$\sum (\text{écart})^2 = 50$
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4,4
5,6
6,5
13,5
14,4
3,5
4,4
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$\sum (\text{écart})^2 = 63.22$
$\overline{x} = 10$
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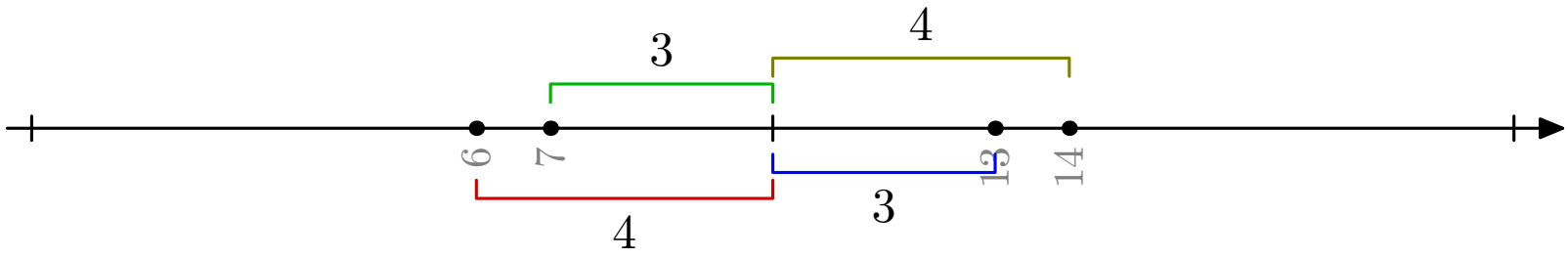
13
14



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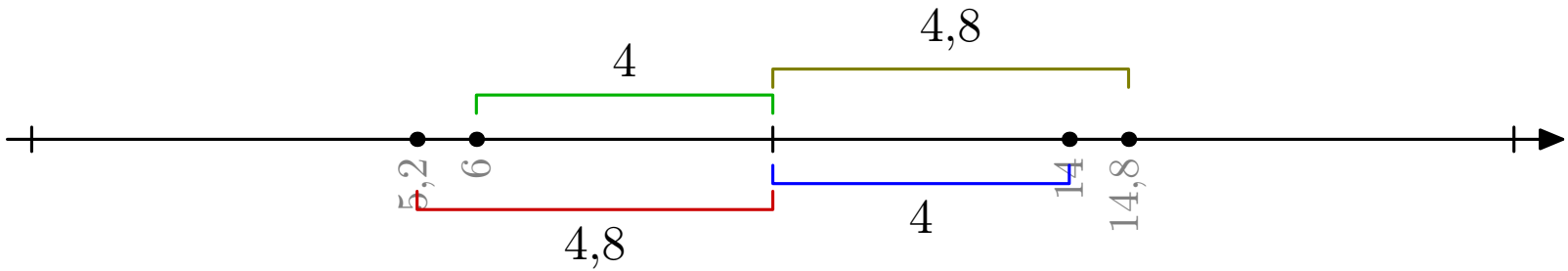

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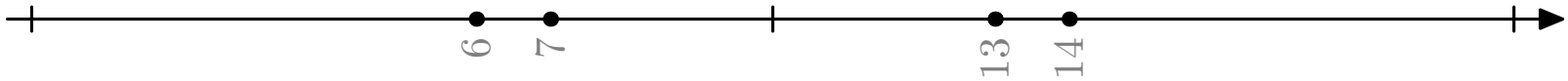

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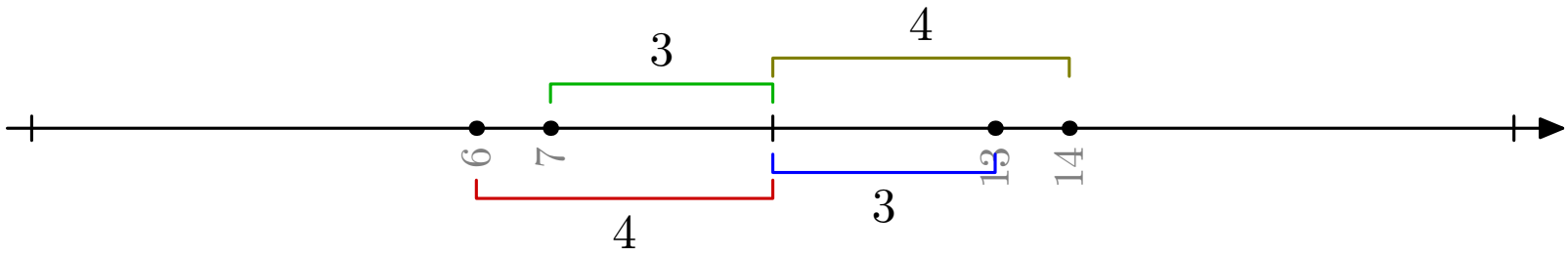

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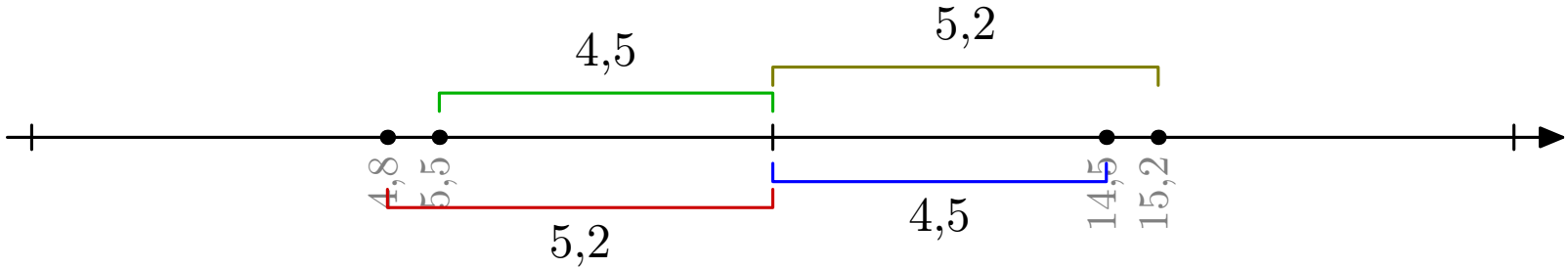
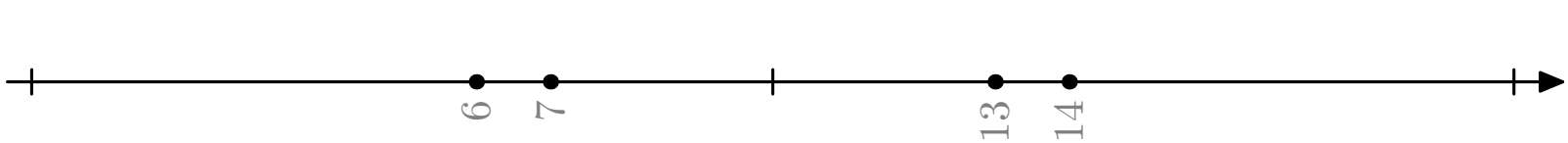


$\overline{x} = 10$

$\sum (\text{écart})^2 = 94.58$



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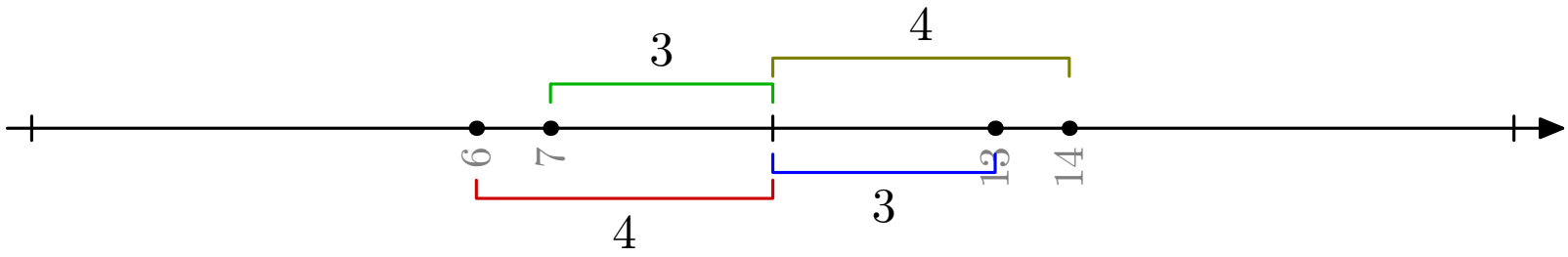
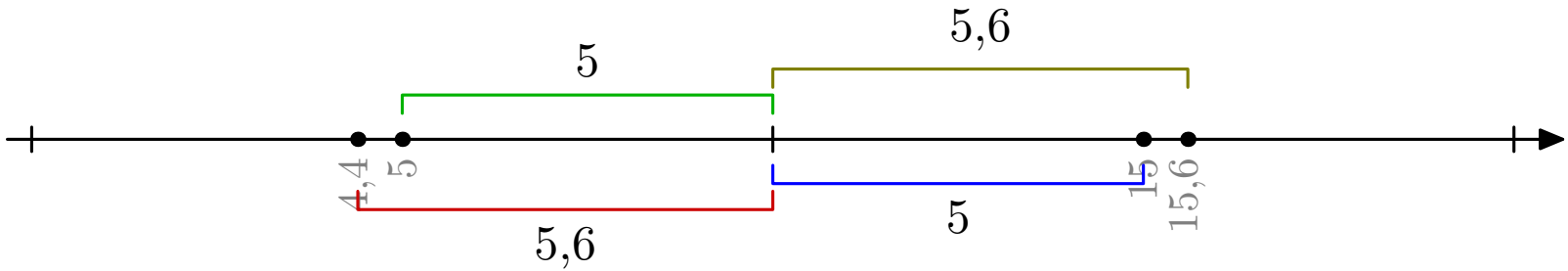


$\overline{x} = 10$

$\sum (\text{écart})^2 = 50$



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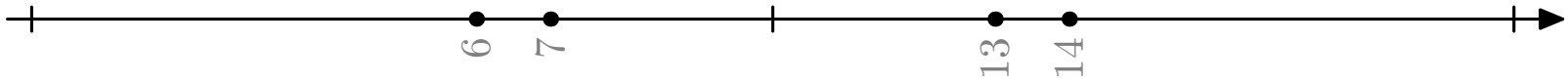
$\sum (\text{écart})^2 = 112.72$



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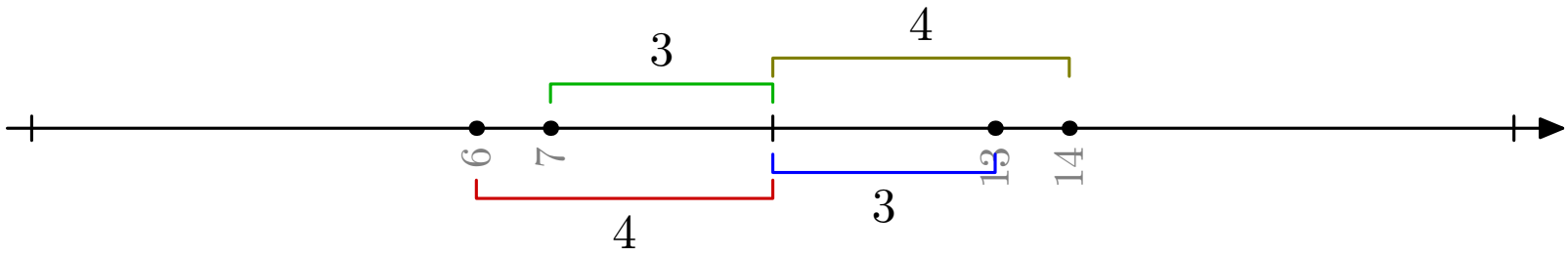
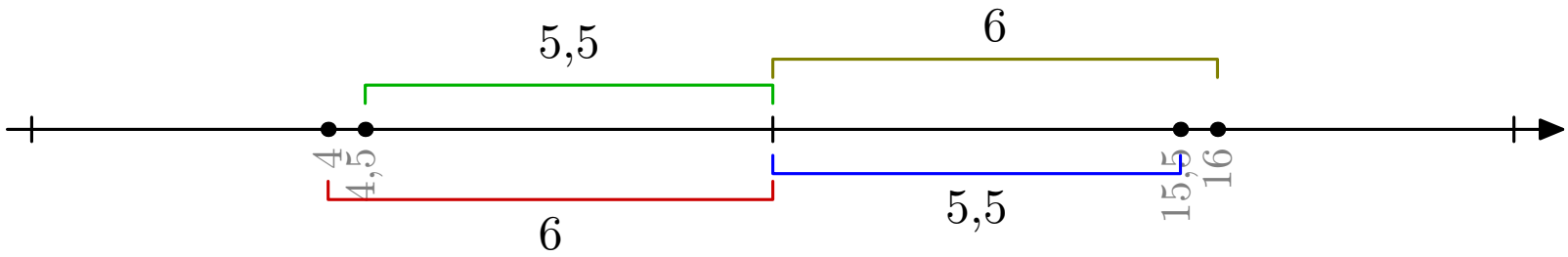


$\overline{x} = 10$

$\sum (\text{écart})^2 = 50$



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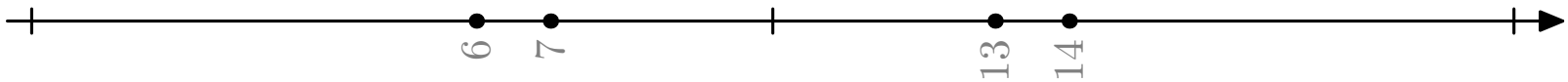
$\sum (\text{écart})^2 = 132.5$



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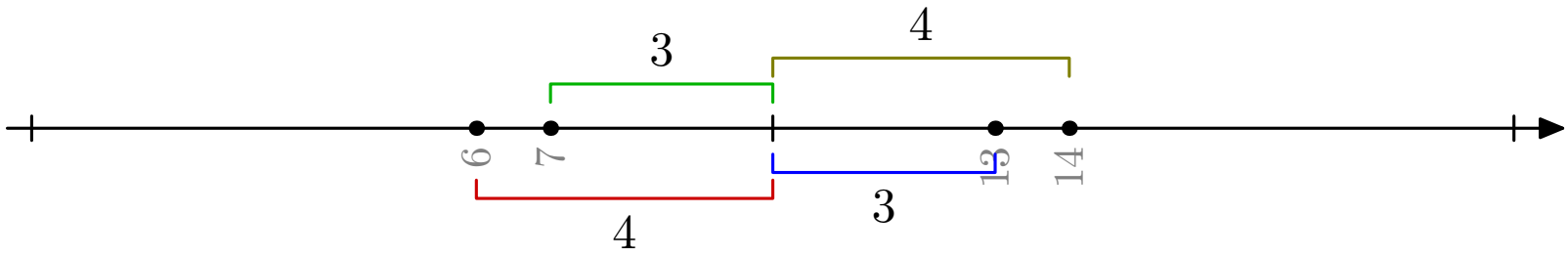
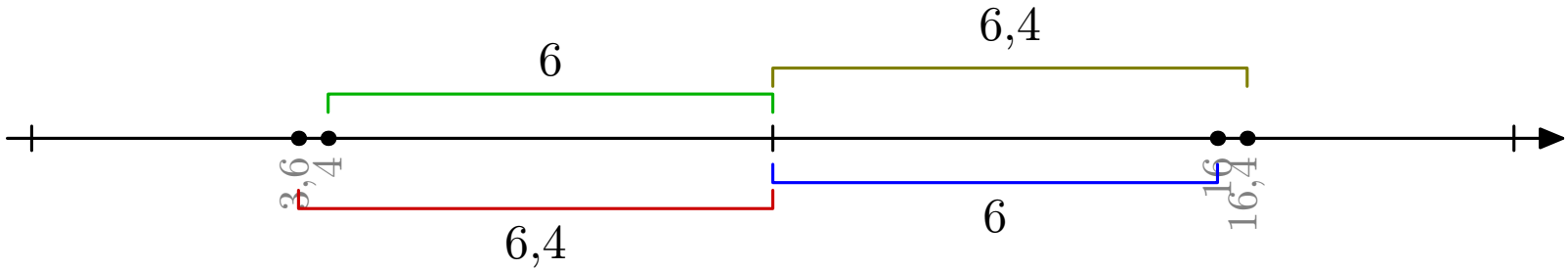


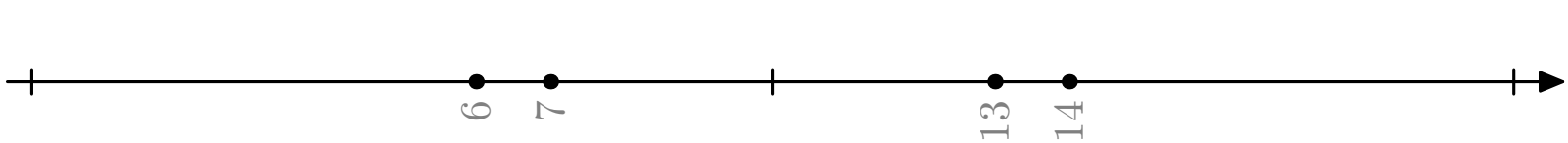
$\overline{x} = 10$

$\sum (\text{écart})^2 = 50$



$\overline{x} = 10$

$\sum (\text{écart})^2 = 153.92$



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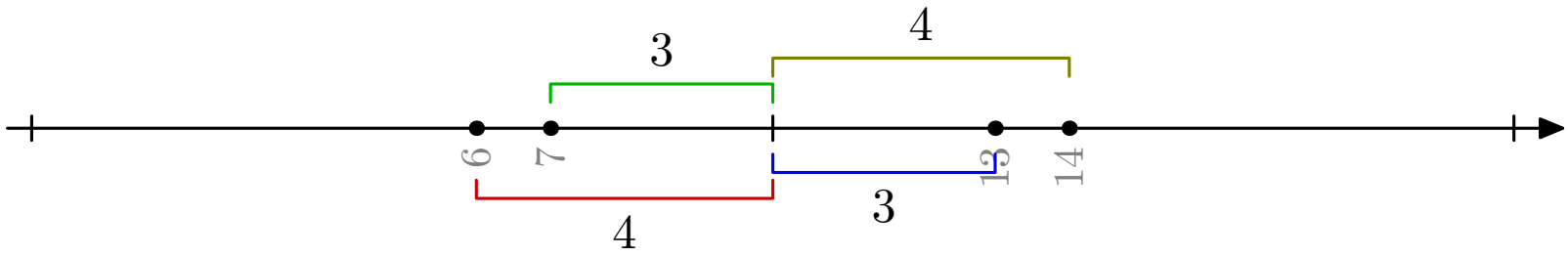

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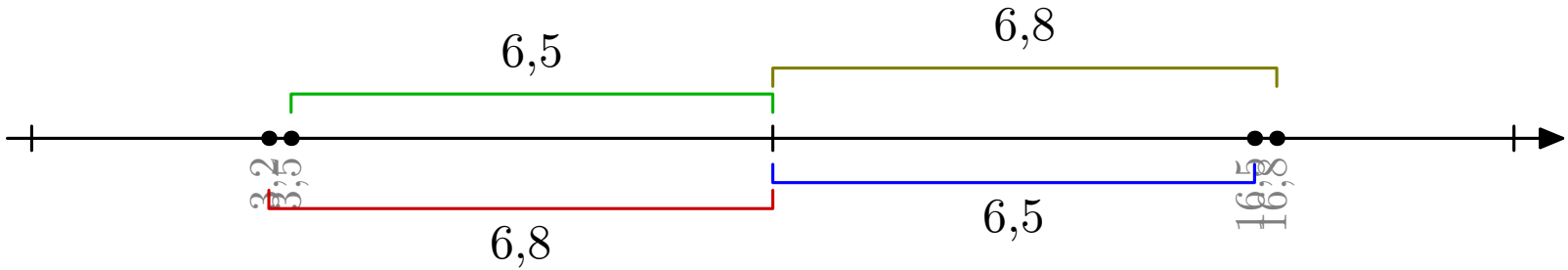
$\sum (\text{écart})^2 = 50$



$\overline{x} = 10$

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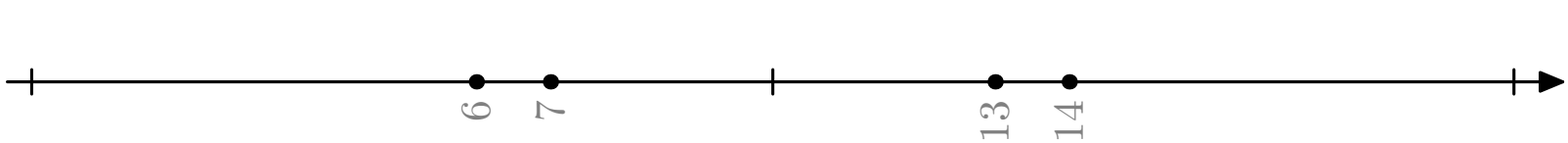

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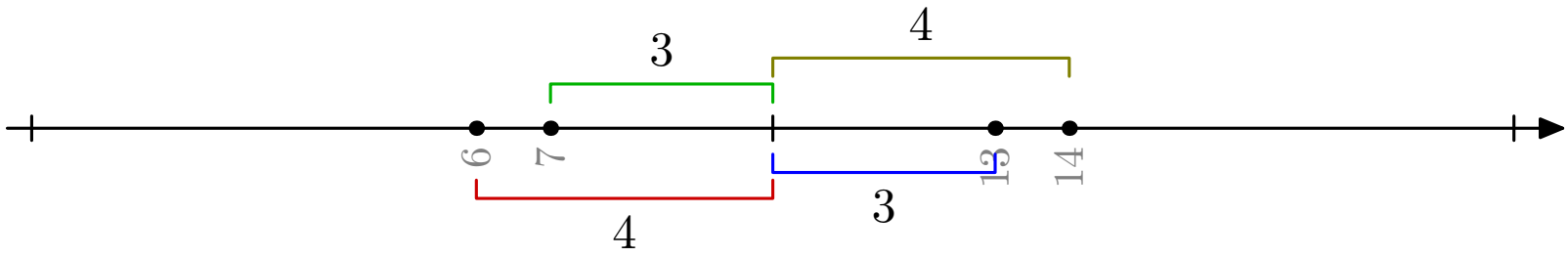

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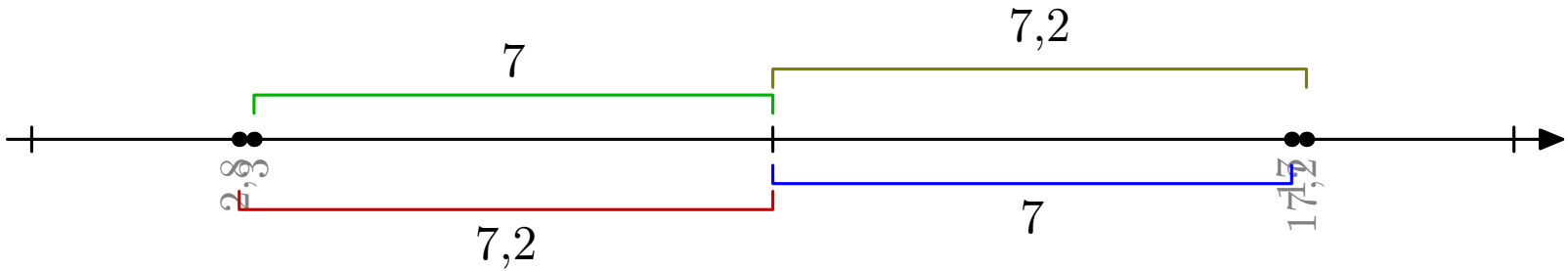

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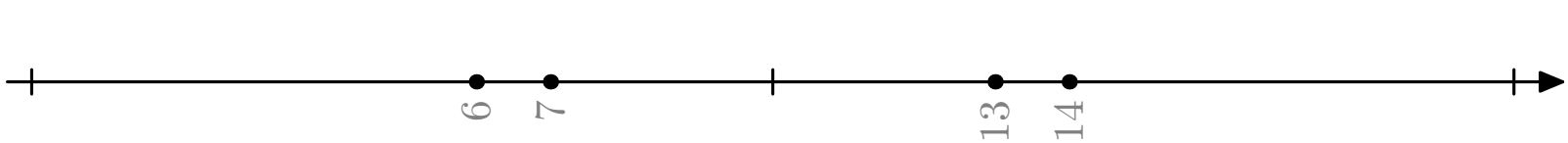
$\sum (\text{écart})^2 = 201.68$



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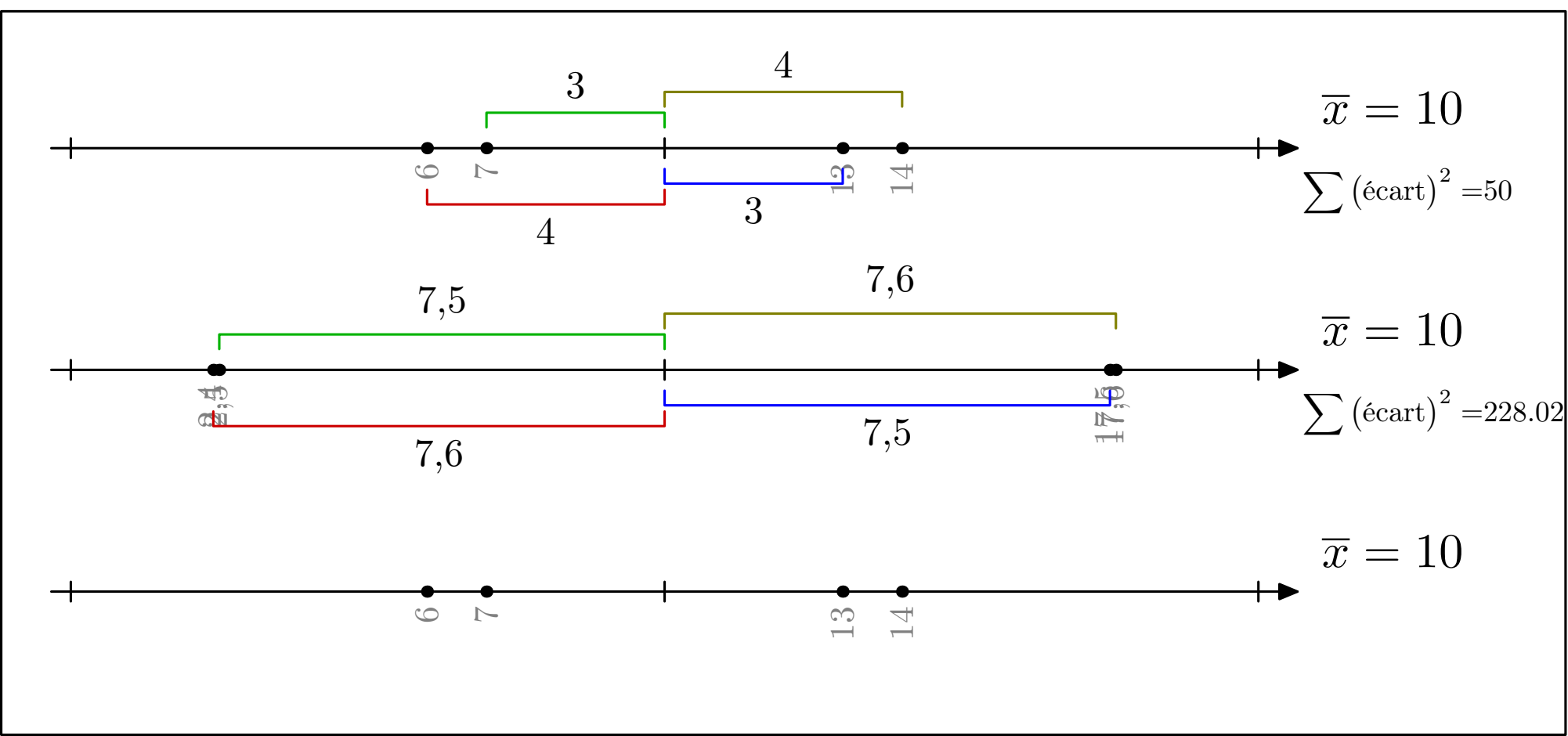
3
4
6
7
13
14
3
4
$\overline{x} = 10$
$\sum (\text{écart})^2 = 50$
7,5
7,6
2,4
17,6
7,5
7,6
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$\sum (\text{écart})^2 = 228.02$
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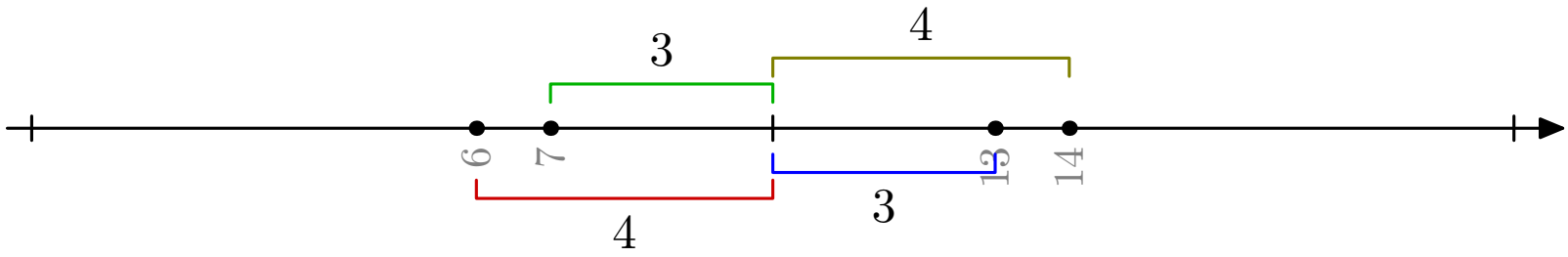
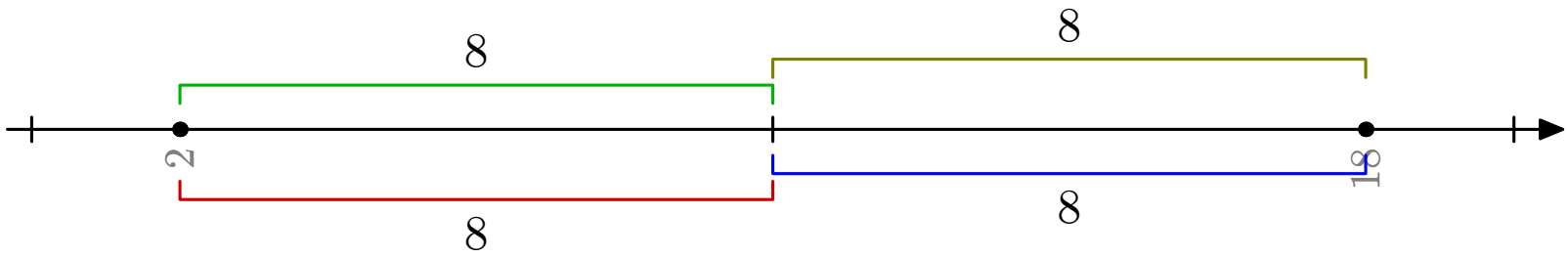
6
7
13
14



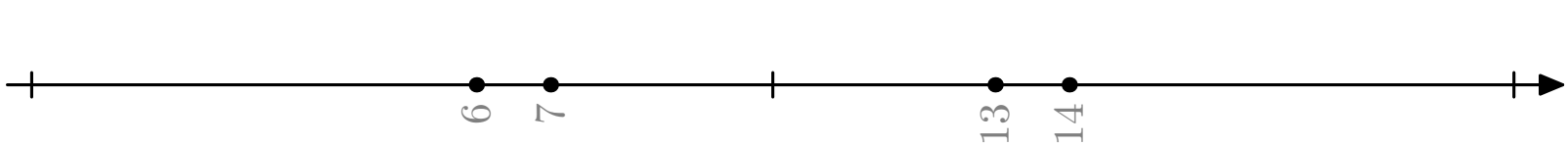
$\overline{x} = 10$

$\sum (\text{écart})^2 = 50$



$\overline{x} = 10$

$\sum (\text{écart})^2 = 256$



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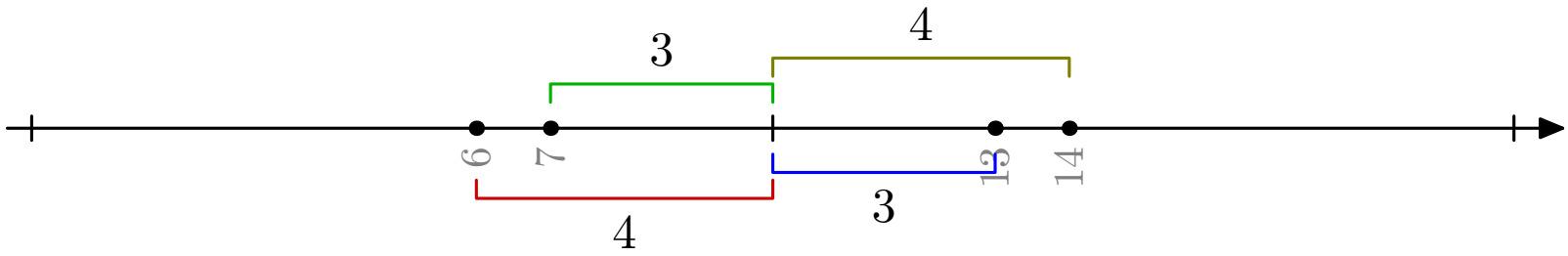
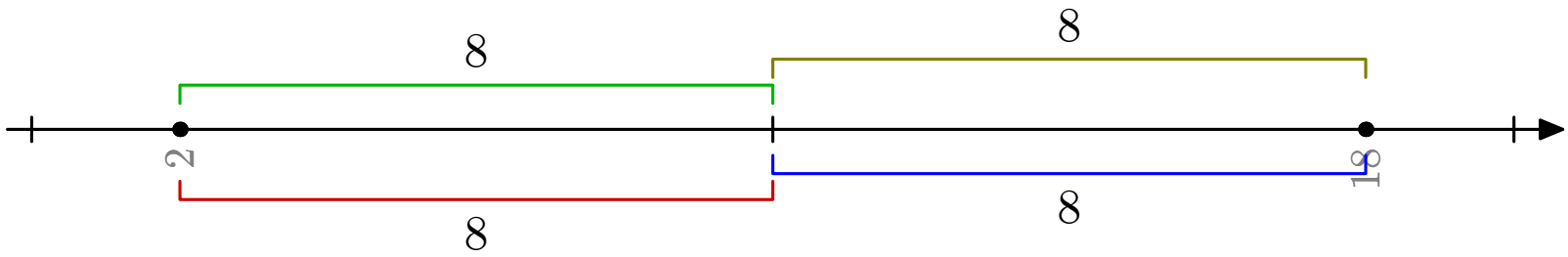


$\overline{x} = 10$

$\sum (\text{écart})^2 = 50$



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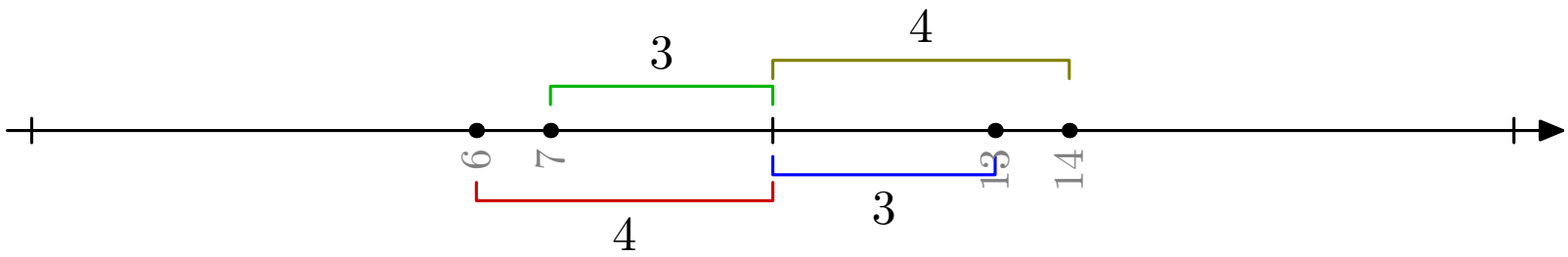
$\sum (\text{écart})^2 = 256$



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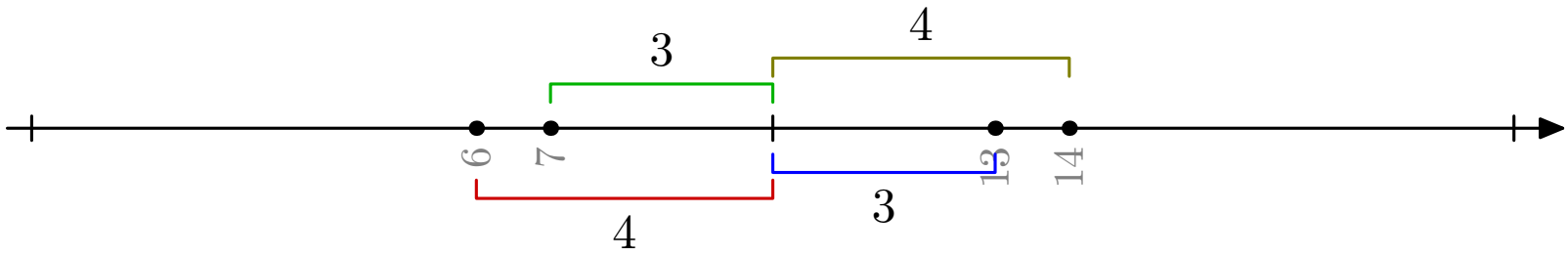

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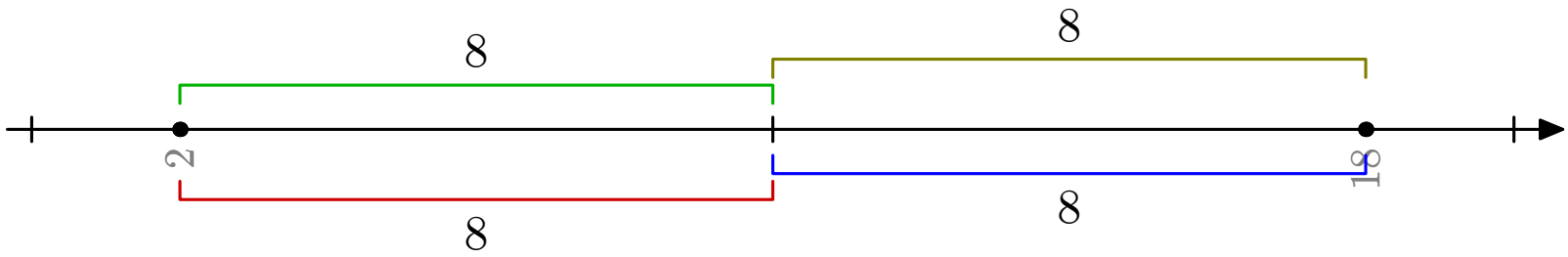
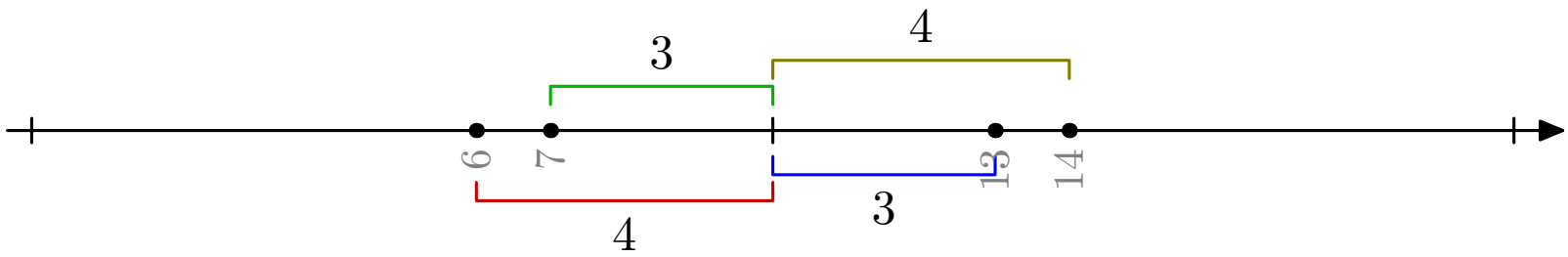
$\sum (\text{écart})^2 = 50$



$\overline{x} = 10$

$\sum (\text{écart})^2 = 256$



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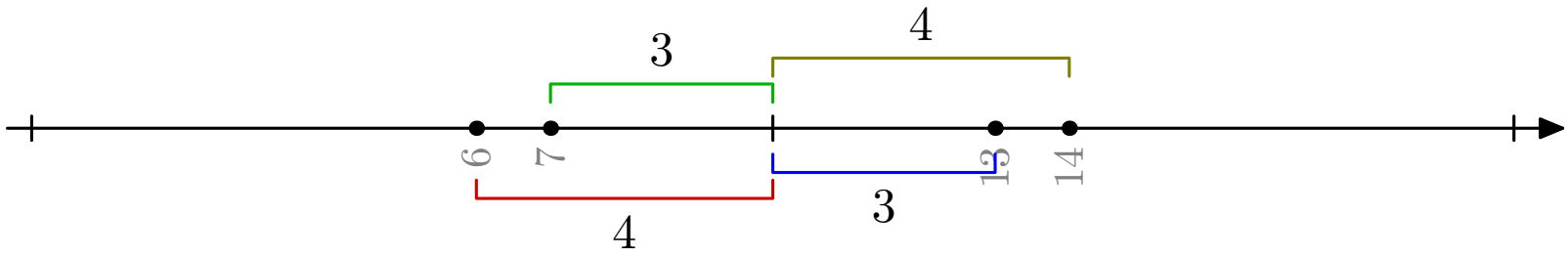
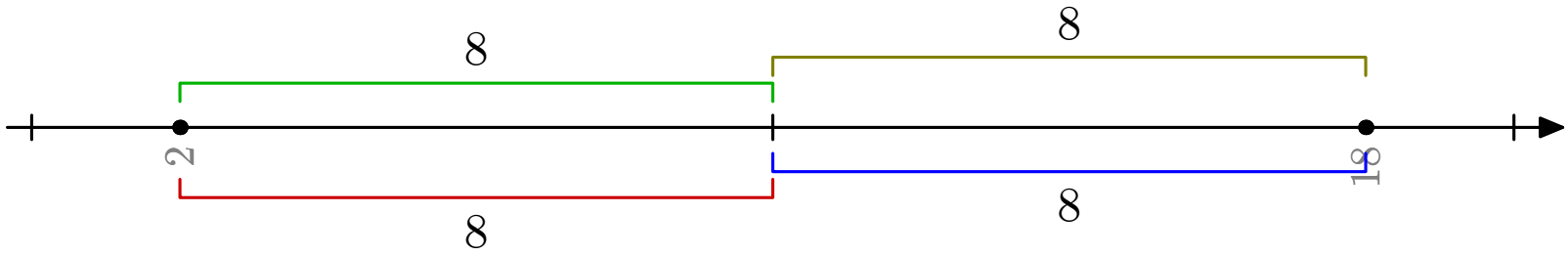


$\overline{x} = 10$

$\sum (\text{écart})^2 = 50$



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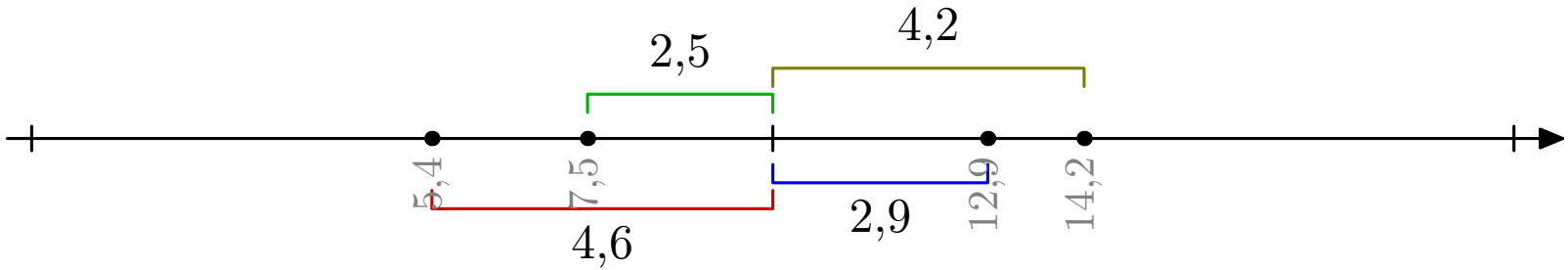

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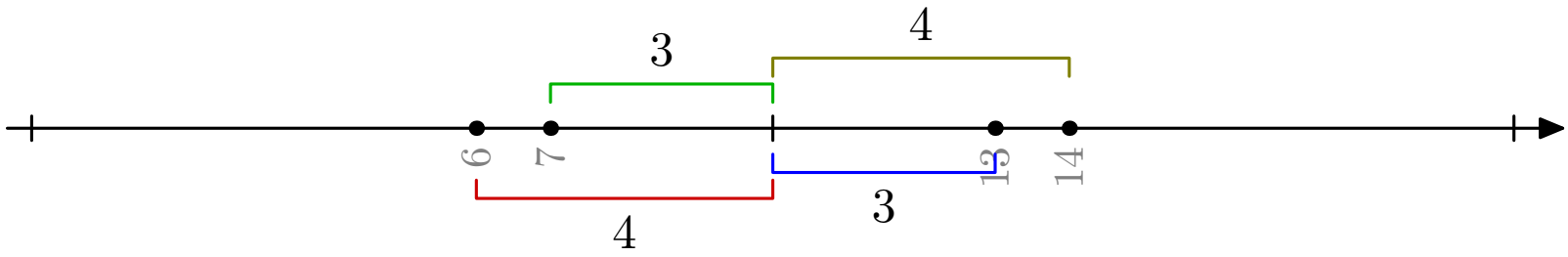
$\sum (\text{écart})^2 = 53.46$



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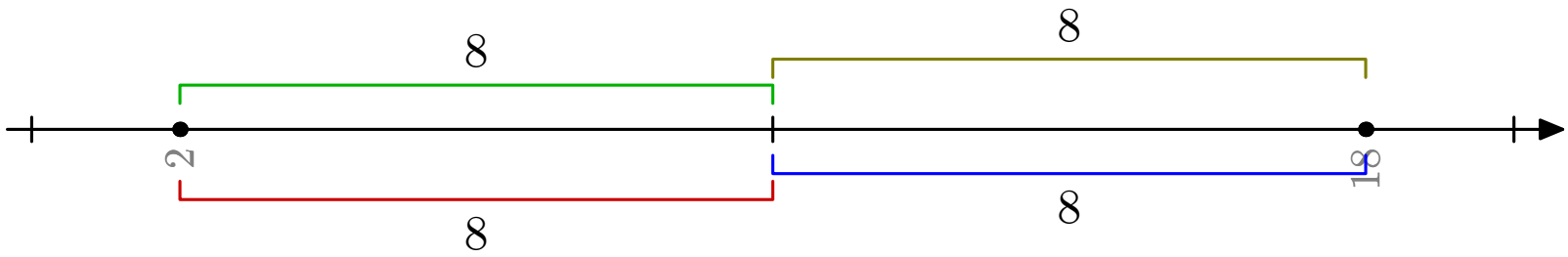
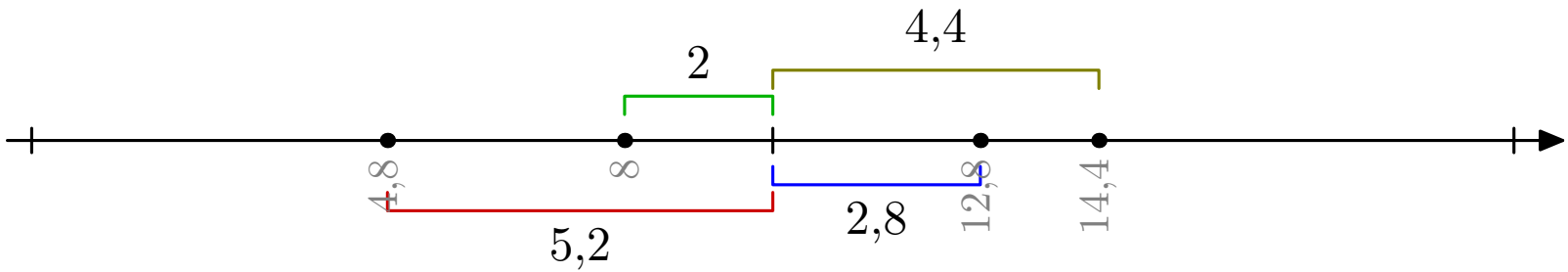
$\sum (\text{écart})^2 = 50$



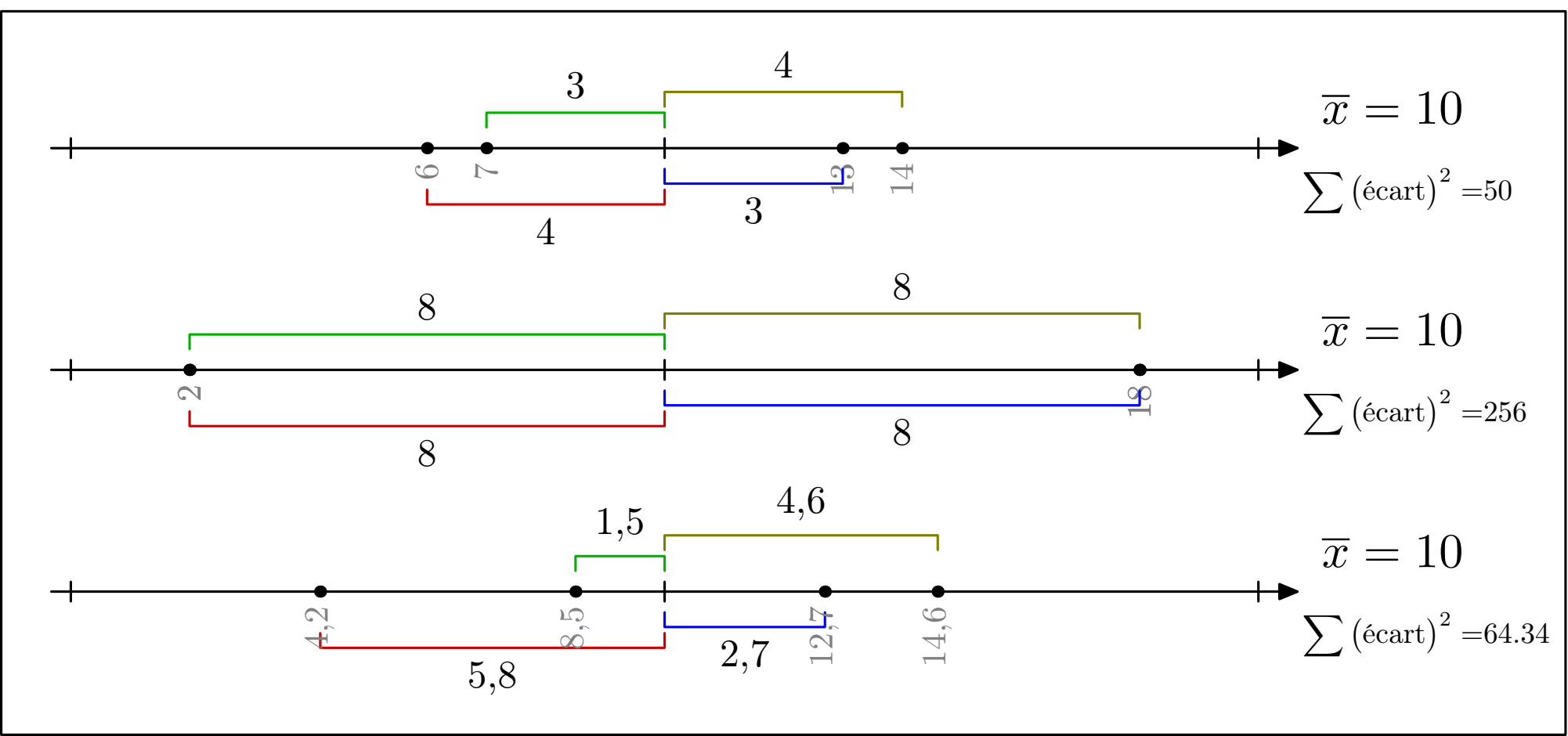
$\overline{x} = 10$

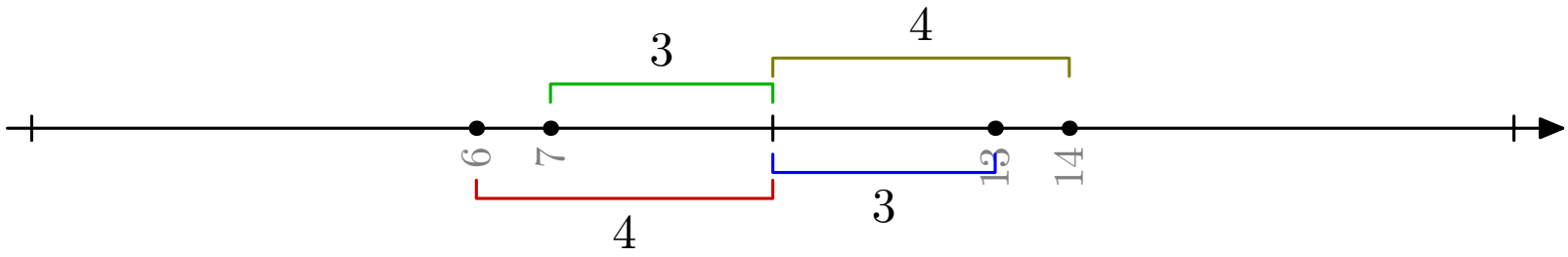
$\sum (\text{écart})^2 = 256$



$\overline{x} = 10$

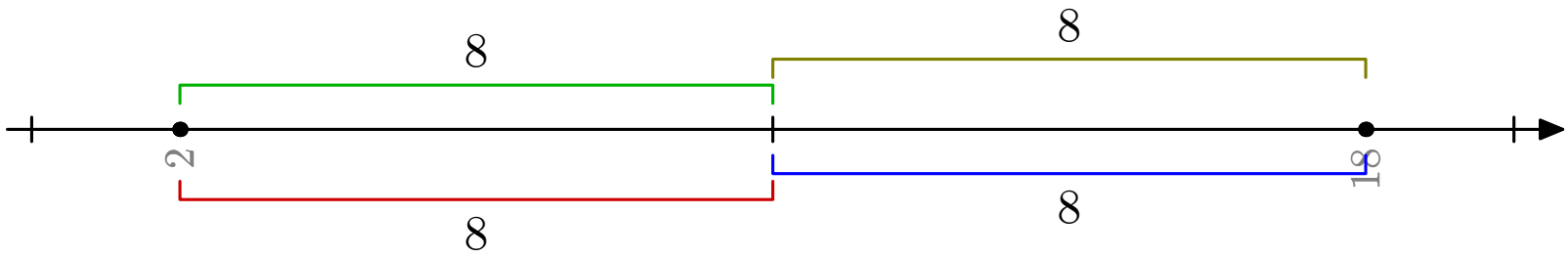
$\sum (\text{écart})^2 = 58.24$


3
4
6
7
13
14
4
3
$\overline{x} = 10$
$\sum (\text{écart})^2 = 50$
8
8
2
18
8
8
$\overline{x} = 10$
$\sum (\text{écart})^2 = 256$
1,5
4,6
4,2
8,5
12,7
14,6
5,8
2,7
$\overline{x} = 10$
$\sum (\text{écart})^2 = 64.34$



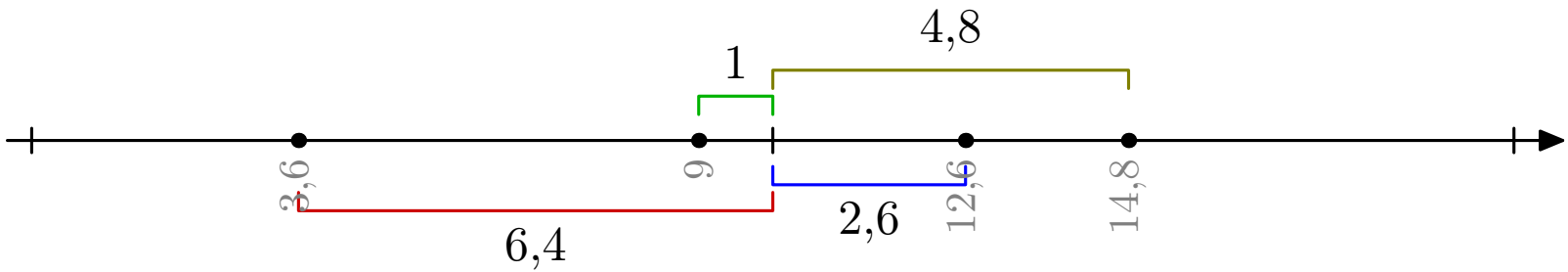
$\overline{x} = 10$

$\sum (\text{écart})^2 = 50$



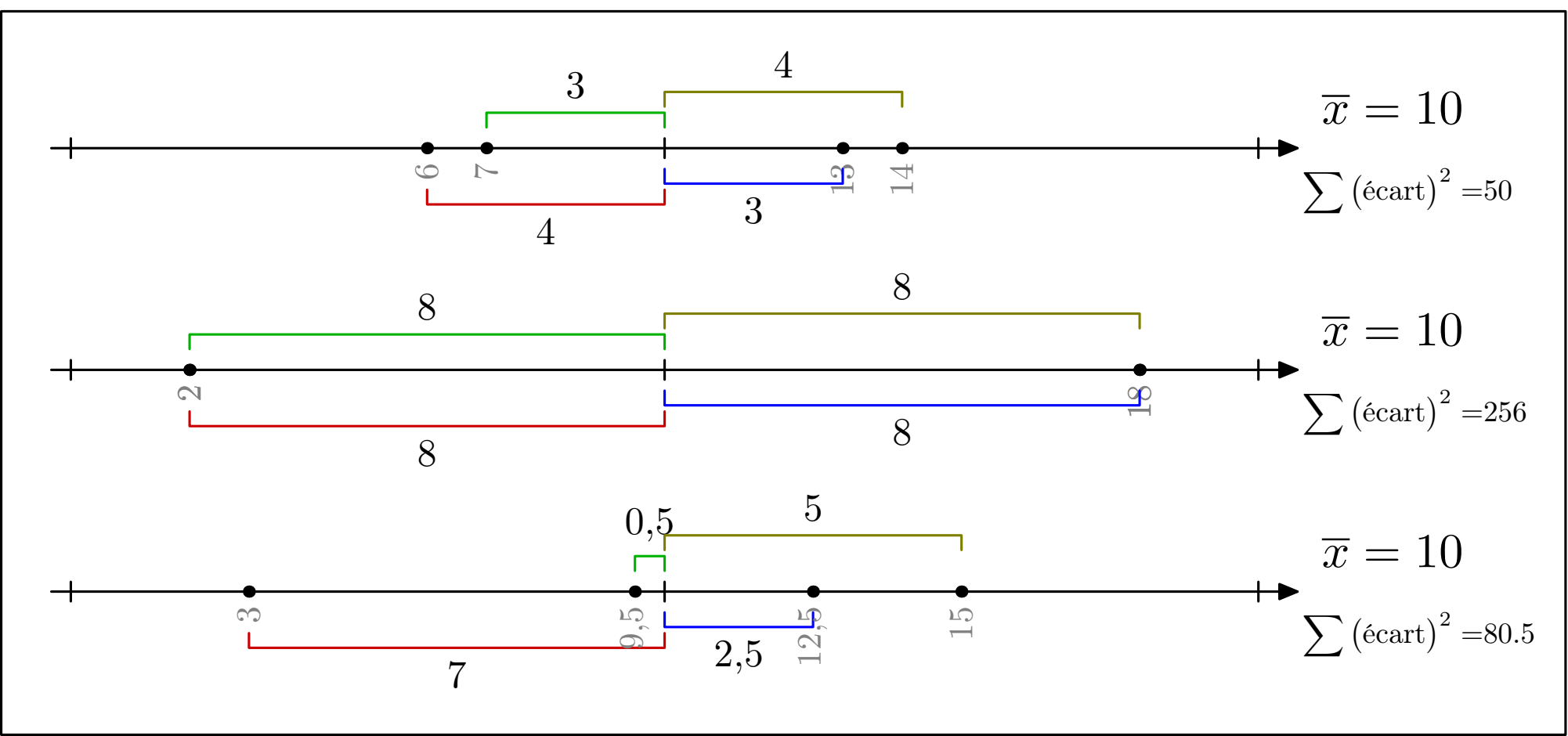
$\overline{x} = 10$

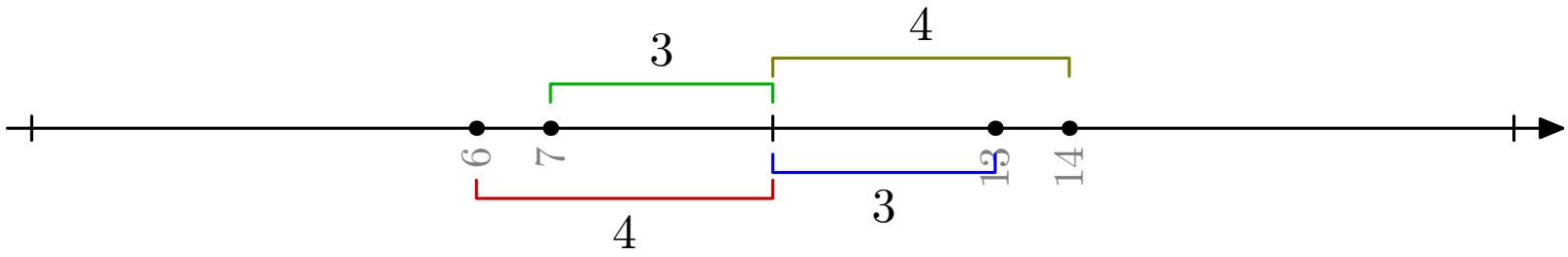
$\sum (\text{écart})^2 = 256$



$\overline{x} = 10$

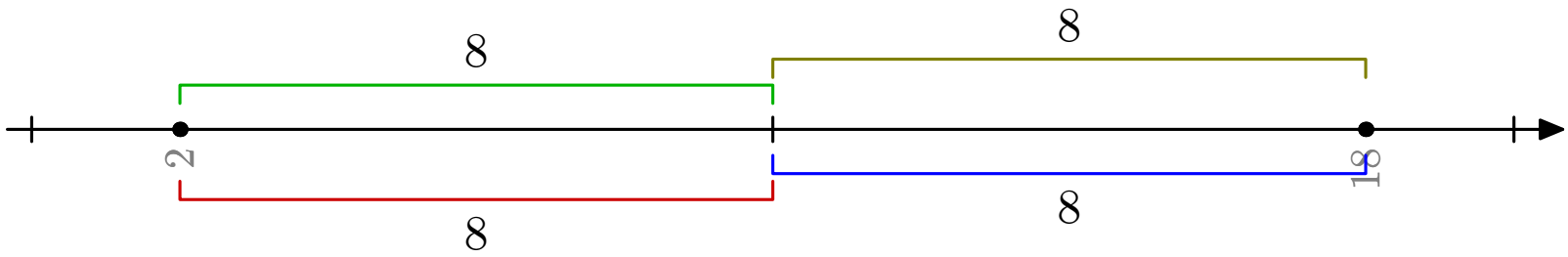
$\sum (\text{écart})^2 = 71.76$


3
4
6
7
13
14
4
3
$\overline{x} = 10$
$\sum (\text{écart})^2 = 50$
8
8
2
18
8
8
$\overline{x} = 10$
$\sum (\text{écart})^2 = 256$
0,5
5
3
9,5
12,5
15
7
2,5
$\overline{x} = 10$
$\sum (\text{écart})^2 = 80.5$



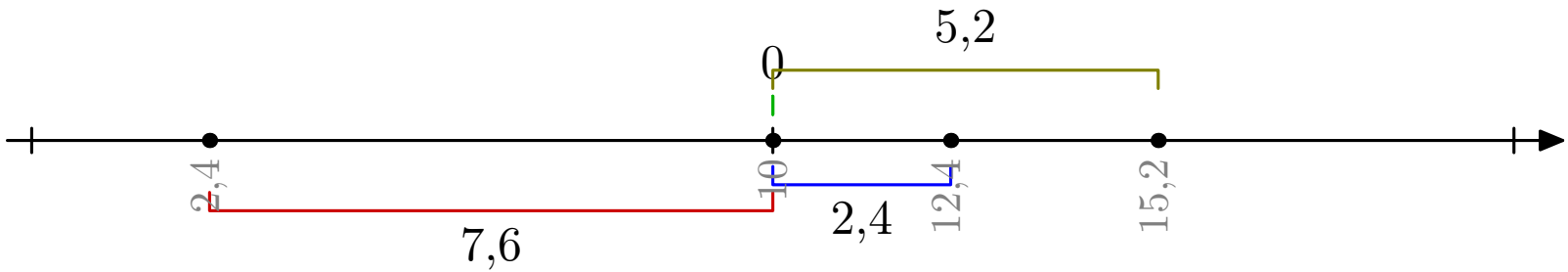
$\overline{x} = 10$

$\sum (\text{écart})^2 = 50$



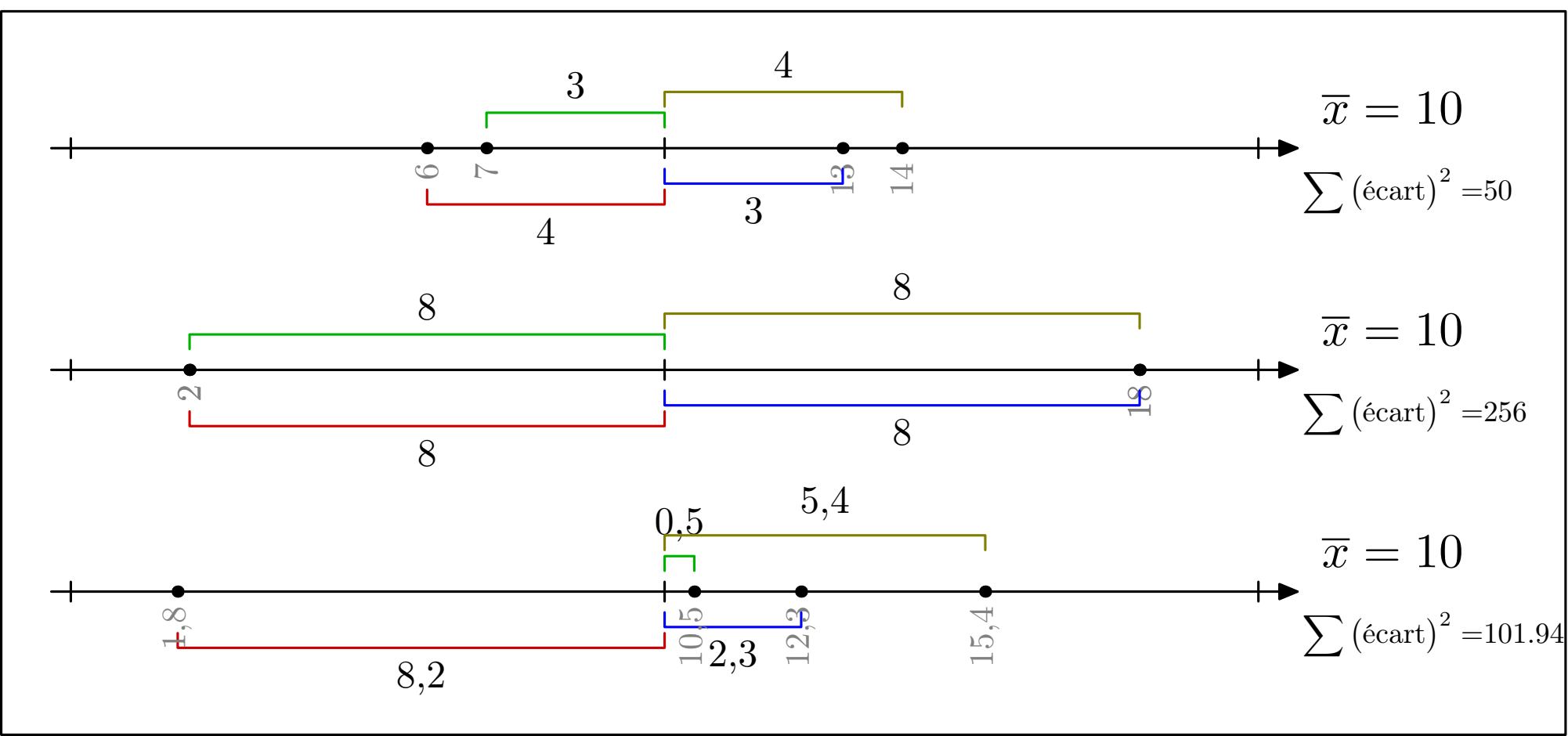
$\overline{x} = 10$

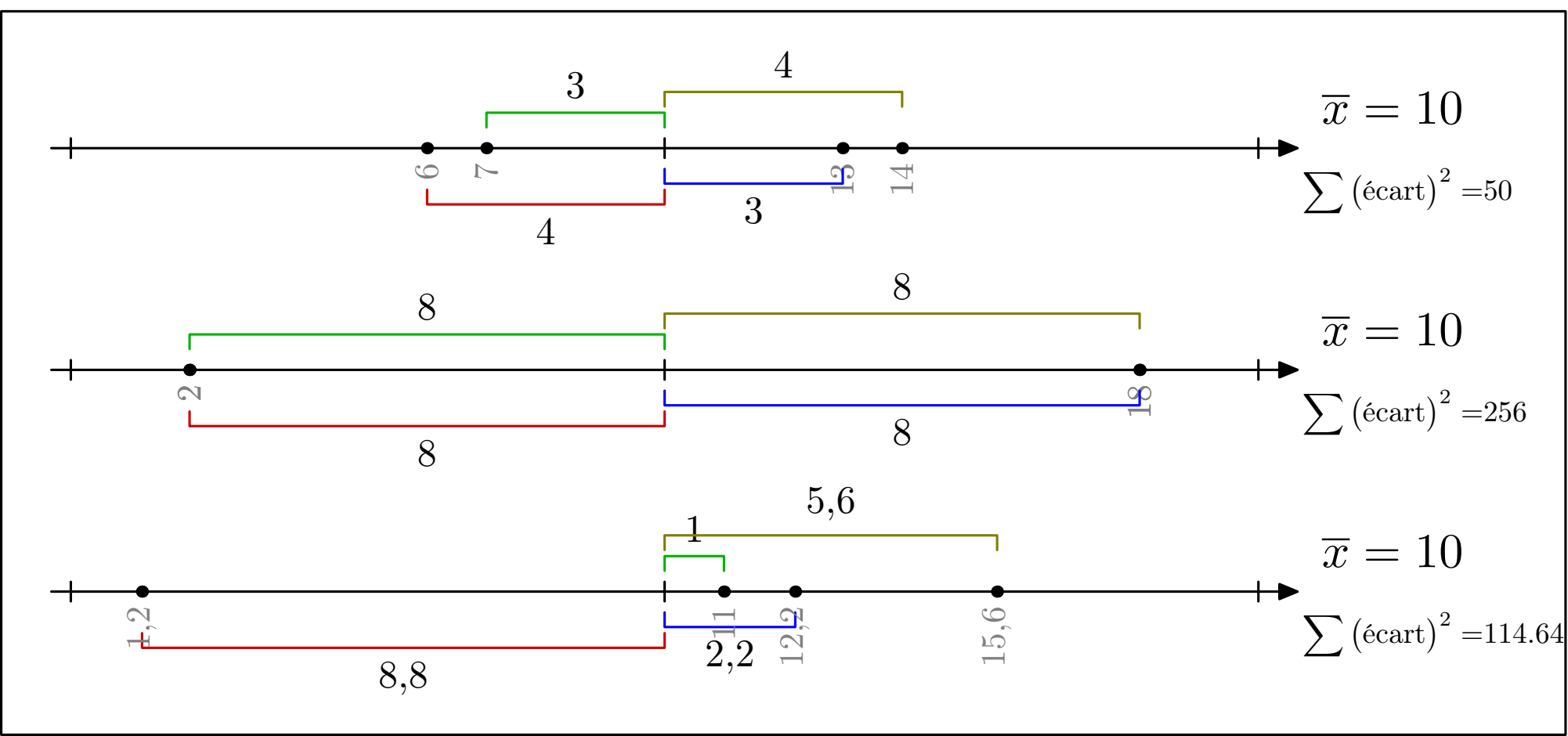
$\sum (\text{écart})^2 = 256$

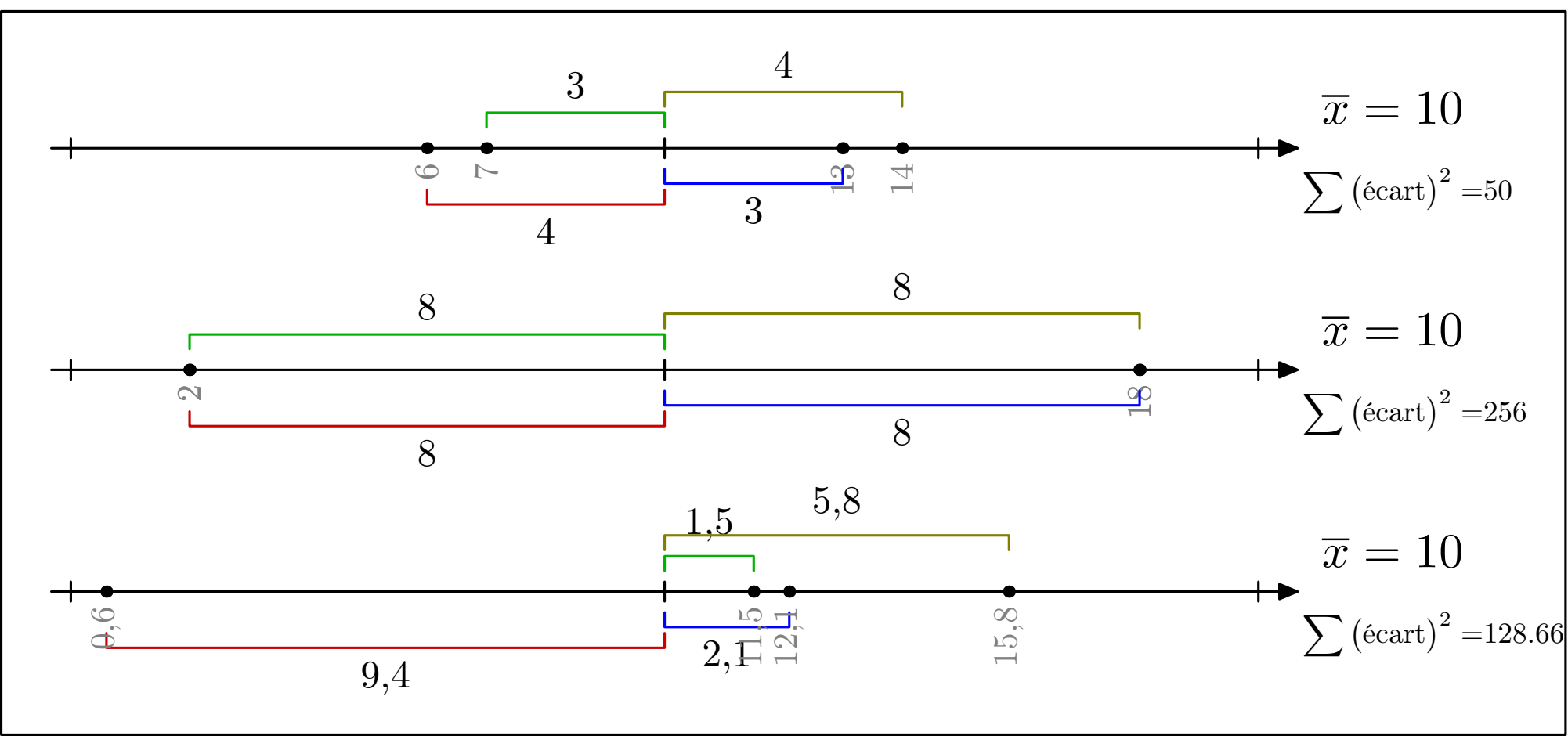


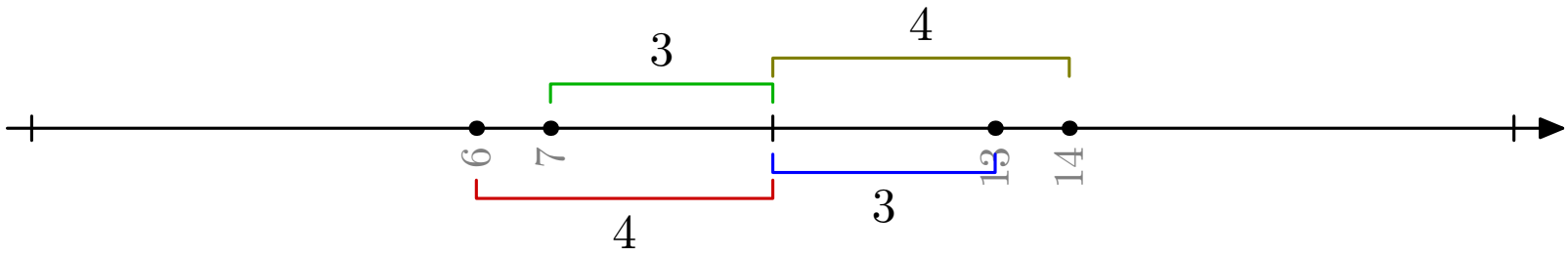
$\overline{x} = 10$

$\sum (\text{écart})^2 = 90.56$


3
4
6
7
13
14
4
3
$\overline{x} = 10$
$\sum (\text{écart})^2 = 50$
8
8
2
18
8
8
$\overline{x} = 10$
$\sum (\text{écart})^2 = 256$
5,4
0,5
1,8
10,5
12,3
15,4
8,2
2,3
$\overline{x} = 10$
$\sum (\text{écart})^2 = 101.94$

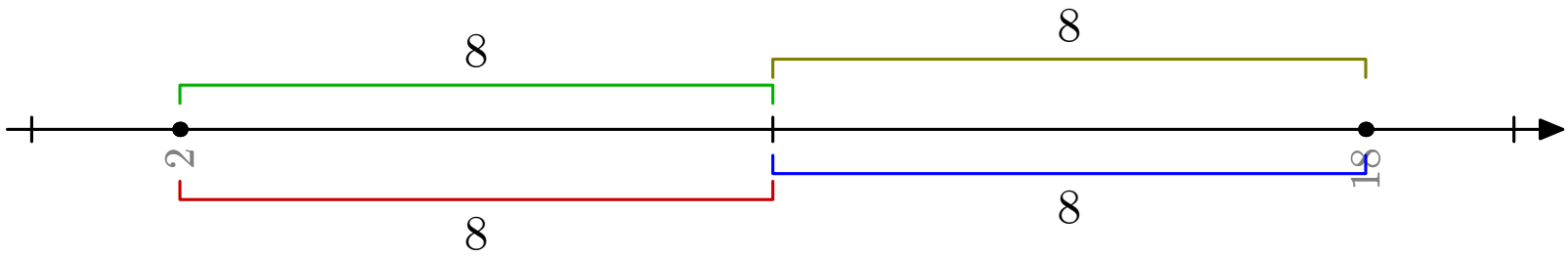

3
4
6
7
13
14
4
3
$\overline{x} = 10$
$\sum (\text{écart})^2 = 50$
8
8
2
18
8
8
$\overline{x} = 10$
$\sum (\text{écart})^2 = 256$
5,6
1
1,2
11
12,2
15,6
8,8
2,2
$\overline{x} = 10$
$\sum (\text{écart})^2 = 114.64$


3
4
6
7
13
14
4
3
$\overline{x} = 10$
$\sum (\text{écart})^2 = 50$
8
8
2
18
8
8
$\overline{x} = 10$
$\sum (\text{écart})^2 = 256$
5,8
1,5
0,6
11,5
12,1
15,8
9,4
2,1
$\overline{x} = 10$
$\sum (\text{écart})^2 = 128.66$



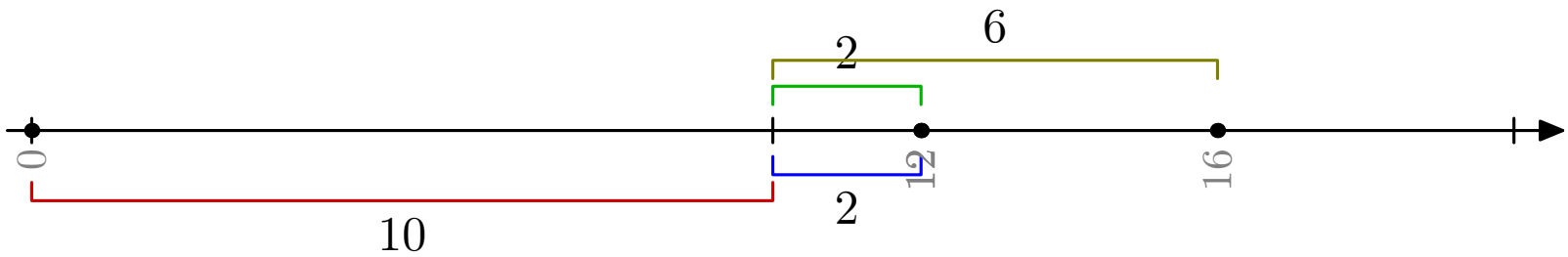
$\overline{x} = 10$

$\sum (\text{écart})^2 = 50$



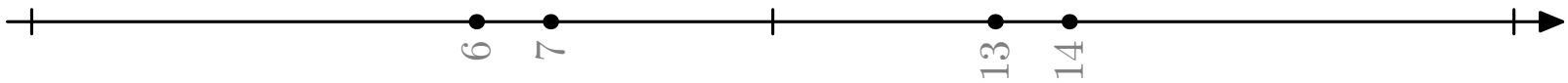
$\overline{x} = 10$

$\sum (\text{écart})^2 = 256$



$\overline{x} = 10$

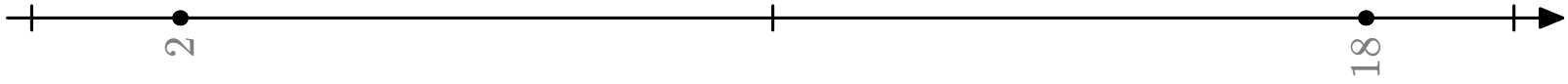
$\sum (\text{écart})^2 = 144$



$$\overline{x} = 10$$

$$\frac{\sum \left(\text{écart}\right)^2}{4} = \frac{25}{2}$$

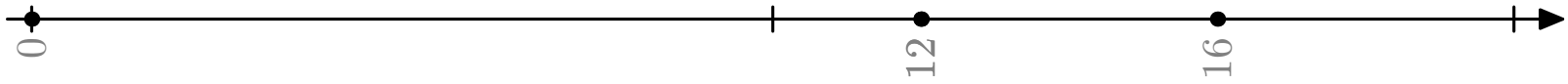
$$\sigma = \frac{5}{\sqrt{2}}$$



$$\overline{x} = 10$$

$$\frac{\sum \left(\text{écart}\right)^2}{4} = 64$$

$$\sigma = 8$$

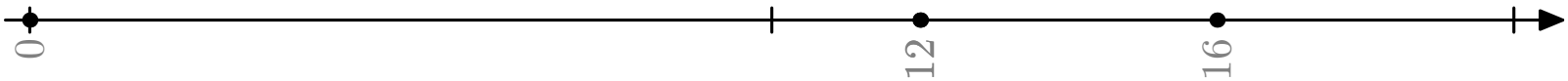


$$\overline{x} = 10$$

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

$$\sigma = 6$$

x_i	0	12	16
n_i	1	2	1
$x_i - \overline{x}$			
$\left(x_i - \overline{x}\right)^2$			
$n_i \cdot \left(x_i - \overline{x}\right)^2$			

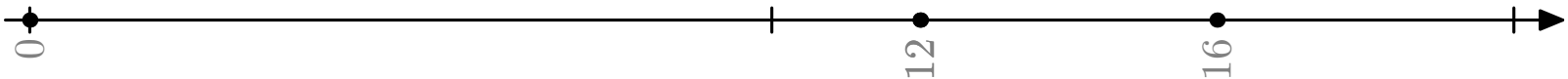


$\overline{x} = 10$

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

$\sigma = 6$

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

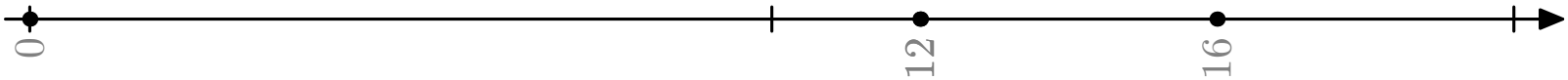


$\overline{x} = 10$

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

$\sigma = 6$

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
$n_i \cdot \left(x_i - \overline{x}\right)^2$			

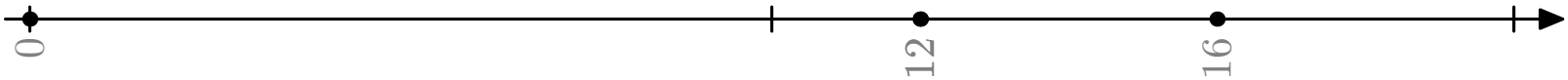


$$\overline{x} = 10$$

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

$$\sigma = 6$$

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



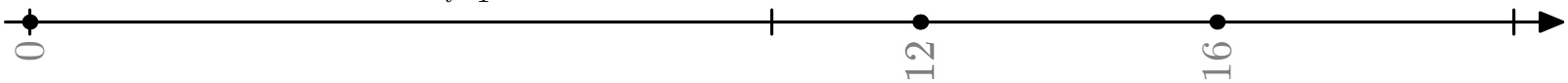
$$\overline{x} = 10$$

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

$$\sigma = 6$$

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

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



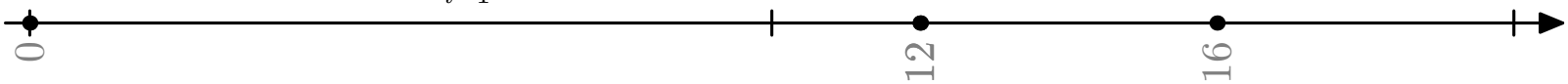
$$\overline{x} = 10$$

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

$$\sigma = 6$$

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

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



$\overline{x} = 10$

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

$\sigma = 6$