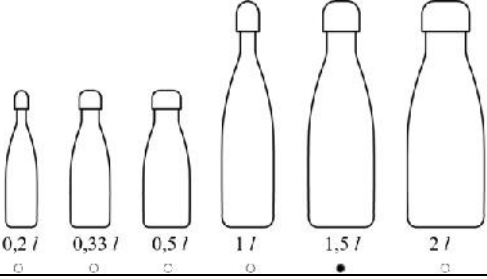
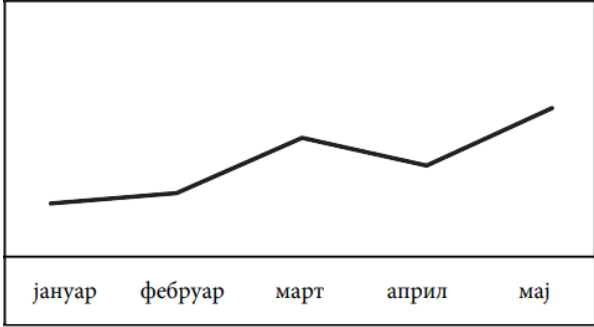


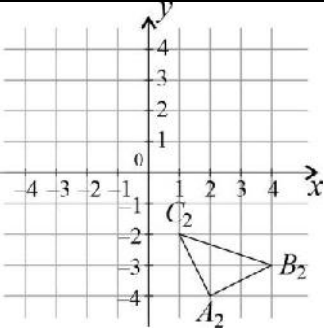


2023/2024.



1. **1** .
2. .
3. .
4. .
5. .
6. .
7. (1 / 0,5).
8. (),
9. .
10. . $100 + 100 = 200 - 50 = 150$ $x + 30 = 150 = 150 - 30 = 120$.
11. . $x = 2,5$, $2\frac{13}{26}$ $c = 19$, $c = \sqrt{361}$.
12. .
13. .
14. 0

.											
1.		1	—								
2.	7,1 m	1	—								
3.	$P - Q = -2x^2$	1	—								
4.	<table border="1" data-bbox="304 763 592 842"> <tr> <td>x</td> <td>-1</td> <td>0</td> <td>1</td> </tr> <tr> <td>y</td> <td>-8</td> <td>-5</td> <td>-2</td> </tr> </table>	x	-1	0	1	y	-8	-5	-2	1	—
x	-1	0	1								
y	-8	-5	-2								
5.	$P = 86 \text{ mm}^2$	1	—								
6.		1	—								
7.	2 400 kg	1	—								
8.		1	—								
9.	725	1	—								
10.	$ m - n = 2$	1	—								
11.	135	1	—								
12.	$y = 75$	1	—								
13.	$P = x^2 + y^2$	1	—								

.		
14.	$O = 48 \text{ cm}$	1 -
15.	2 100	1 -
16.		1 -
17.	<p style="text-align: center;">102. 144.</p> <p style="text-align: center;">:</p> <p><u>1:</u> $220 - 15 = 205$</p> <p>$205 \cdot 0,5 = 102,5$ $205 \cdot 0,7 = 143,5$</p> <p><u>2:</u> $220 - 15 = 205$</p> <p>$x : 205 = 50 : 100$ $y : 205 = 70 : 100$ $100x = 50 \cdot 205$ $100y = 70 \cdot 205$ $x = 10\ 250 : 100$ $y = 14\ 350 : 100$ $x = 102,5$ $y = 143,5$</p>	<p>1 -</p> <p>0,5 -</p> <p><u> </u> :</p> <p>.</p>

.			-	
18.	$\frac{9}{11}$ <p style="text-align: center;">:</p> <p style="text-align: center;">1:</p> $\frac{x+3}{y+3} = \frac{6}{7}$ $\frac{x-3}{y-3} = \frac{3}{4}$ <hr/> $7x+21 = 6y+18$ $4x-12 = 3y-9$ <hr/> $7x-6y = -3$ $4x-3y = 3 \quad / \quad (-2)$ <hr/> $7x-6y = -3$ $-8x+6y = -6 \quad +$ <hr/> $7x-6y = -3$ $-x = -9$ <hr/> $7x-6y = -3$ $x = 9$ <hr/> $7 \cdot 9 - 6y = -3$ $x = 9$ <hr/> $6y = 66$ $x = 9$ <hr/> $y = 11$ $x = 9$ <hr/> <p style="text-align: center;">:</p>	$\frac{9}{11}$ <p style="text-align: center;">:</p> <p style="text-align: center;">2:</p> $\frac{x+3}{y+3} = \frac{6}{7}$ $\frac{x-3}{y-3} = \frac{3}{4}$ <hr/> $7x+21 = 6y+18$ $4x-12 = 3y-9$ <hr/> $7x-6y = -3$ $4x-3y = 3$ <hr/> $7x-6y = -3$ $3y = 4x-3$ <hr/> $7x-6y = -3$ $y = \frac{4x-3}{3}$ <hr/> $y = \frac{4x-3}{3}$ $7x-6 \cdot \frac{4x-3}{3} = -3$ <hr/> $y = \frac{4x-3}{3}$ $7x-8x+6 = -3$ <hr/> $y = \frac{4x-3}{3}$ $x = 9$ <hr/> $x = 9$ $y = \frac{4 \cdot 9 - 3}{3}$ <hr/> $x = 9$ $y = 11$ <hr/> <p style="text-align: center;">:</p>	$\frac{9}{11}$ <p style="text-align: center;">:</p> <p style="text-align: center;">3:</p> $\frac{x+3}{y+3} = \frac{6}{7}$ $\frac{x-3}{y-3} = \frac{3}{4}$ <hr/> $7x+21 = 6y+18$ $4x-12 = 3y-9$ <hr/> $7x-6y = -3$ $4x-3y = 3$ <hr/> $7x-6y = -3$ $4x = 3+3y$ <hr/> $7x-6y = -3$ $x = \frac{3+3y}{4}$ <hr/> $x = \frac{3+3y}{4}$ $7 \cdot \frac{3+3y}{4} - 6y = -3 \quad / \quad 4$ <hr/> $x = \frac{3+3y}{4}$ $21+21y-24y = -12$ <hr/> $x = \frac{3+3y}{4}$ $-3y = -33$ <hr/> $y = 11$ $x = \frac{3+3 \cdot 11}{4}$ <hr/> $y = 11$ $x = \frac{36}{4}$ <hr/> $y = 11$ $x = 9$ <hr/> <p style="text-align: center;">:</p>	1

