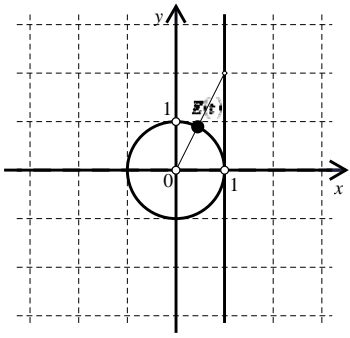
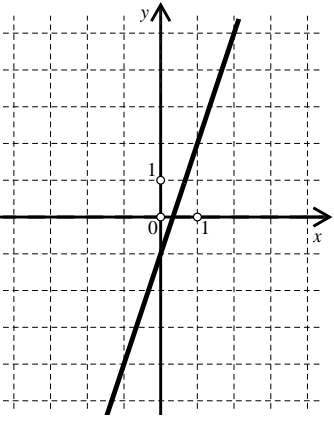
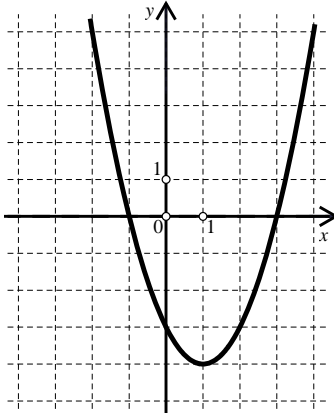


DRŽAVNA MATURA 2013., ljetni rok
MATEMATIKA- viša razina

1. A	2. A	3. C	4. D	5. B	
6. C	7. D	8. D	9. B	10. B	
11. B	12. B	13. A	14. C	15. B	
16. 840	17. 260°	18.1. -2	18.2. $\langle -\infty, -3 \rangle \cup \left[\frac{3}{2}, +\infty \right)$	19.1. 20	
19.2. 15	20.1. 4.3	20.2. $7.9 \cdot 10^{-8}$	21.1. -7	21.2. $5\sqrt{2}(\cos 45^\circ + i \sin 45^\circ)$	
22.1. $3x^2 \sin x + x^3 \cos x$	22.2. $\langle d, l \rangle$	23.1. 	23.2. 262.22	24.1. 48°11'23"	
24.2. 4.33	25.1. $\frac{11\sqrt{17}}{17}$	25.2. 33°41'24"	25.3. $(x+3)^2 + (y-2)^2 = 9$	26.1. $\mathbb{R} \setminus \{2\}$	26.2. $(-3, 0), (0, -\frac{3}{2})$
27.1. 16π	27.2. 288°	28.1. 	28.2. 		

<p>28.3.</p> $y = 6x - 19$	<p>29.1.</p> <p>-6</p>	<p>29.2.</p> <p>133 13 455</p>	<p>29.3.</p> $a = \frac{p - 2bv}{b + 2v}$
<p>29.4</p> $\frac{a+1}{2a+b}$	<p>29.5.</p> $x = \frac{5a-6}{6}$ $a > \frac{18}{5}$	<p>30.</p> <p>$A(-2,1), B(3,-2), C\left(\frac{24}{5},1\right)$</p> <p>10.2</p>	