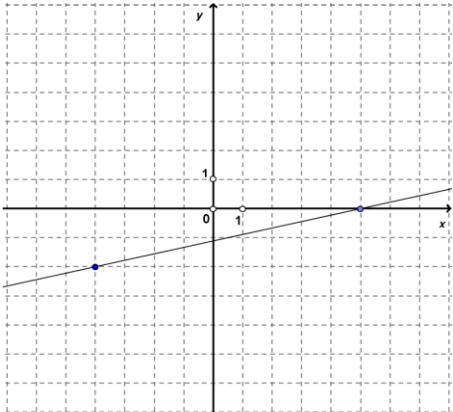
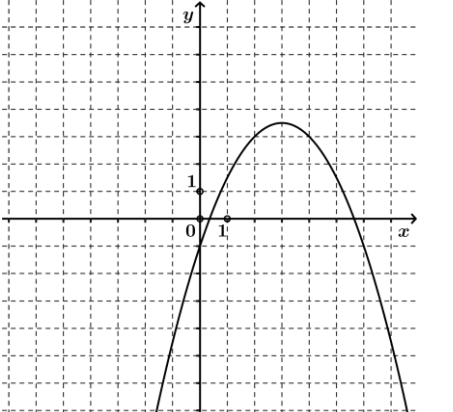
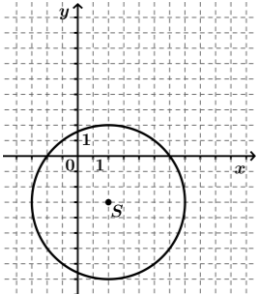


**RJEŠENJA ISPITA IZ MATEMATIKE NA LJETNOM ROKU DRŽAVNE MATURE
lipanj 2015.**

VIŠA RAZINA (A)

1. D	2. B	3. A	4. C	5. C
6. B	7. D	8. C	9. C	10. B
11. B	12. A	13. A	14. D	15. A
16. 7.39	17. 1986600	18. 1. $3.6 \cdot 10^{11}$	18.2. $\frac{12\pi}{7}$	19.1. $x^{\frac{7}{8}}$
19.2. $\frac{3a-1}{3a}$	20. 1. 	20.2. $(-2,0)$	21.1. $x = \frac{1}{2}, y = -\frac{3}{5}$	21.2. $x_1 = -1, x_2 = 4$
22.1. $\langle -\infty, \frac{7}{2} \rangle$	22.2. 	23.1. 4.16	23.2. 26.86	24.1. $\langle -5, 2 \rangle$
24.2. $\langle -1, 1 \rangle \cup \langle 4, +\infty \rangle$	25.1. $\frac{3}{\cos^2(3x)}$	25.2. $y = 5x - 1$	26.1. 2	26.2. 3
27. 1 $\frac{8}{81}$	27.2. 0.6	27.3. 540	28.1. $\frac{1}{512}$	28.2. $-\frac{3}{2}$
28.3. 5.64 h	29.1.  $(2, -3)$	29.2. $\frac{1080}{41}$	29.3. $4\sqrt{2}$	29.4. 292.89
30. $\left[-1, -\frac{3}{4} \right)$				