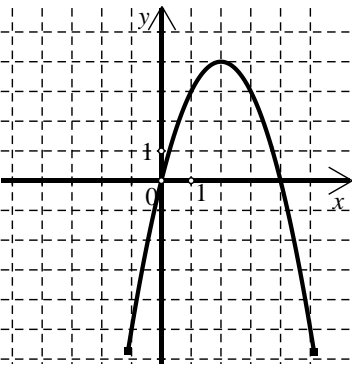
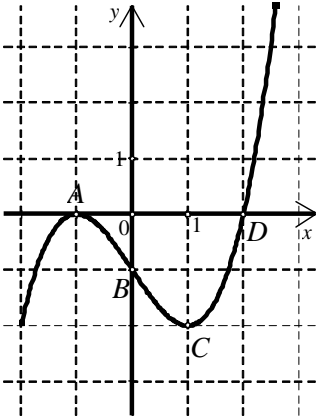


MAT A Zimski rok 2011. – KLJUČ ZA RJEŠENJA

1. A	2. C	3. B	4. B	5. A
6. B	7. D	8. B	9. A	10. C
11. D	12. C	13. B	14. A	15. B
16. $\frac{55}{32}$	17. $\frac{2P}{a \sin \beta}$	18.1. $\frac{3\sqrt{5}}{5}$	18.2. $y = -\frac{1}{2}x + 3$	19.1. (6,9)
19.2. $\sqrt{85}$	20.1. 	20.2. 	21.1. $\left\langle -2, \frac{1}{4} \right\rangle$	21.2. $x \geq -1$
22.1. $126^{\circ}52'12''$	22.2. $99^{\circ}35'39''$	23.1. 61.94	23.2. 152.35	24.1. $32i$
24.2. -4	25.1. 189	25.2. $\frac{\sqrt{5}-1}{2}$	25.3. 4224	26. $a = -\frac{3}{4}, b = -28$
27. $A = 3, C = \frac{\pi}{3}$	28.1. $F\left(\pm \frac{3}{2}, 0\right)$	28.2. $\frac{x^2}{9} - \frac{y^2}{36} = 1$	28.3. $\frac{5}{299}$	29.1. $\left\langle \frac{1}{5}, +\infty \right\rangle,$ $\frac{2}{5}$ $f(5) = 4.585$
29.2. $\frac{3x^2 - 10x}{(3x - 5)^2}$	29.3. -1	29.4. $\langle 2, +\infty \rangle,$ niti jedno	29.5. $\frac{7}{2}$	30. (10,3)