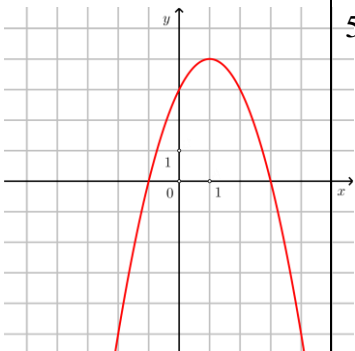


KLJUČ ZA ODGOVORE – 1. rok 2024.

Matematika - A razina

1. D	2. B	3. A	4. B
5. C	6. C	7. D	8. C
9. D	10. B	11. A	12. C
13. D	14. B	15. B	16. D
17. C	18. B	19. D	20. B
21. C	22. A	23. A	24. A
25. $(x+3)(x^2-3x+9)$	26. $5\sqrt{2}\left(\cos\frac{\pi}{4}+i\sin\frac{\pi}{4}\right)$	27. $-2, -1, 1, 2$	28. $\left\{-\frac{\pi}{5}+2k\pi, k \in \mathbf{Z}\right\}$
29.1. x	29.2. 3^{61}	30.1. $0.51, 0.99$	30.2. $\langle 7, \infty \rangle$
31.1. $p < 0$	31.2. 	32.1. 59	32.2. a^3
33.1. A	33.2. $\frac{3}{2}$	34.1. 1157.92	34.2. 20
35.1. ≈ 12.4	35.2. $31^\circ 53' 42''$	36.1. 648	36.2. $\frac{5}{6}$
37.1. 294	37.2. $15^\circ 22' 32''$	38.1. Npr. $3, 657, 1311,$ $1965, 2619$	38.2. Vektori \overrightarrow{AB} i \overrightarrow{AC} kolinearni su jer za svaki $m \in \mathbf{R} \setminus \{-1, 1\}$ postoji k takav da vrijedi $\overrightarrow{AC} = k \cdot \overrightarrow{AB}$.
39.1. $(x-3)^2 + (y-\sqrt{3})^2 = 12$	39.2. $5:4$ ili $4:5$	40. $a = 3, b = 0.6$	