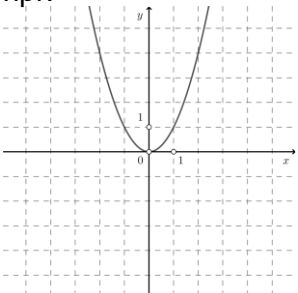


KLJUČ ZA ODGOVORE – 1. rok 2023.

Matematika - A razina

| | | | |
|---------------------------------|---|---|---|
| 1. C | 2. D | 3. B | 4. C |
| 5. D | 6. A | 7. A | 8. D |
| 9. A | 10. D | 11. B | 12. B |
| 13. A | 14. D | 15. C | 16. B |
| 17. A | 18. D | 19. B | 20. D |
| 21. C | 22. C | 23. A | 24. D |
| 25. $\frac{\sqrt[3]{25}}{5}$ | 26. $\langle 2, +\infty \rangle$ | 27. $(x-y-1)(x-y+1)$ | 28. $z = z (\cos \varphi + i \sin \varphi), \varphi \in \left\{ \frac{\pi}{2}, \frac{3\pi}{2} \right\}$ |
| 29.1. $3.97 \cdot 10^{110}$ | 29.2. $a^{-1}, a^{-3}, a^{-4}, a^{-2}$ | 30.1. $\frac{3}{4}$ | 30.2. 18 |
| 31.1. 112 cm | 31.2. 116 | 32.1. $\frac{\sqrt{17}}{17}$ | 32.2. 8 |
| 33.1. 60° | 33.2. $5\sqrt{3}$ | 34.1. $x = -2$ | 34.2. $\langle -5, 1 \rangle$ |
| 35.1. $\log_a \frac{a}{9}$ | 35.2. 64. | 36.1. npr.  Graf funkcije mora biti simetričan s obzirom na y-os. | 36.2. $\mathbf{R} \setminus \{6\}$ |
| 37.1. $\frac{\pi}{6}$ | 37.2. -1 | 38.1. ≈ 1.86 cm ili ≈ 2.56 cm | 38.2. ≈ 239.67 |
| 39.1. $-\frac{1}{2}$ | 39.2. 9 | 40. ≈ 122.7 | |