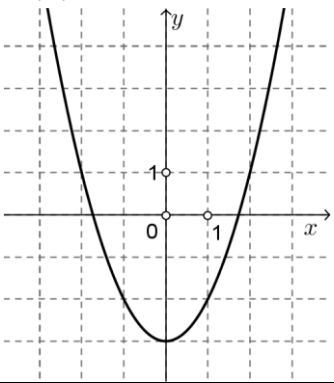
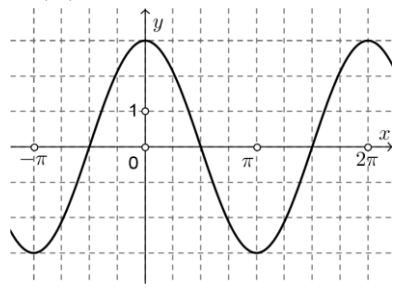




Ključ za odgovore ispita iz Matematike na višoj razini (A) na ljetnom roku državne mature 2016.

1. D	2. B	3. A	4. D
5. C	6. B	7. C	8. A
9. C	10. C	11. D	12. A
13. D	14. B	15. C	
16. 72	17. $2.459 \cdot 10^{17}$	18.1. 2	18.2. $x > -4$
19.1. $\frac{C}{6B-5}$	19.2. $0, \frac{1}{3}$	20.1. 38	20.2. 17
21.1. $x \leq 1 + \log_7 2$	21.2. $\frac{1}{2} \log_a 5$	22.1. 170	22.2. 1
23.1. -13	23.2. $p < -1$	24.1. 	24.2. 
25.1. $2a^2$	25.2. $x = \frac{\pi}{2} + k\pi, k \in \mathbf{Z}$	26.1. 2.81	26.2. $37^\circ 28' 47''$
27.1. $y = -\frac{3}{5}x + \frac{11}{2}$	27.2. $\sqrt{34}$	27.3. $C(6,5)$	28.1. $[-3, +\infty) \setminus \{2\}$
28.2. $x = \frac{15}{8}$	28.3. 4	29.1. $\langle -\infty, -\frac{1}{2} \rangle \cup \langle 0, +\infty \rangle$	29.2. $x = 4, y = 6, z = -2$
29.3. $10\sqrt{3} + 15$	29.4. $56\pi + 8\pi\sqrt{5}$	30. 15.143	