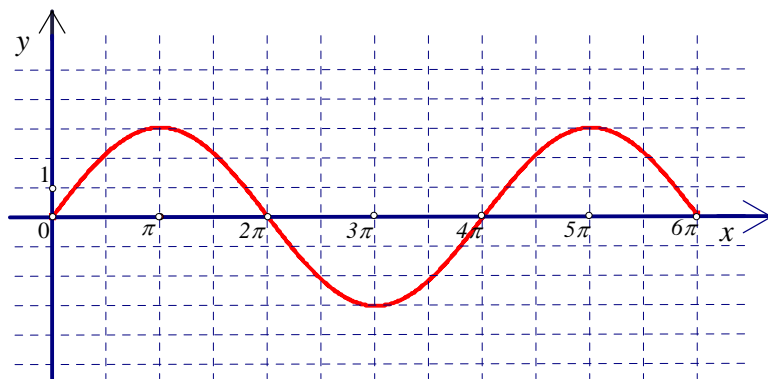


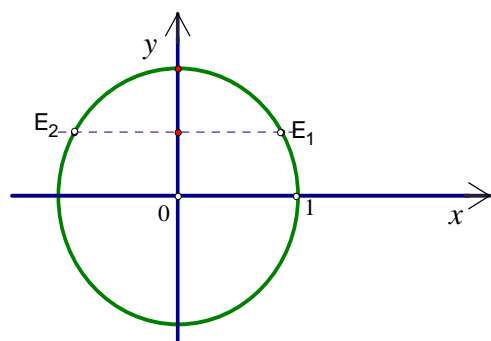
3. RAZRED PROBNA DRŽAVNA MATURA 2009. VIŠA RAZINA

RJEŠENJA

1. B	2. C	3. A	4. B	5. C
6. D	7. D	8. A	9. B	10. C
11. D	12. D	13. B	14. A	15. C
16. -1	17. $-\frac{7}{4}$	18.1. $x_1 = \frac{1}{2}, x_2 = 2$	18.2. $\left\langle \frac{1}{2}, 2 \right\rangle$	19.1. 20
19.2. 18°	20.1. $y = \frac{4}{3}x - 3$	20.2. $\frac{27}{8}$	21.1. $\frac{8\sqrt{5}}{5}$	21.2. $y = -\frac{1}{2}x + 2$
22.1. $T(-1, 7)$	22.2. $3x + 4y - 30 = 0$	23.1. $-\frac{\sqrt{2}}{2}$	23.2. $\frac{2\sqrt{2}}{3}$	24.1. 1288.48
24.2. 46	25.1. 21°	25.2. 5	25.3. 5°	26. crvenih 6, bijelih 11
27. $0, \frac{2\pi}{3}, \frac{4\pi}{3}$	28.1. $\overrightarrow{AB} = 2\vec{i} + 3\vec{j}$	28.2. -10	28.3. 12	29.1. $A = 3,$ $\tau = 4\pi,$ $0, 2\pi, 4\pi, 6\pi$



29.2.



29.3.

29.4. 0.96	29.5. $\frac{a+1}{a-1}$	30. (5, 12)		
-------------------	---	--------------------	--	--