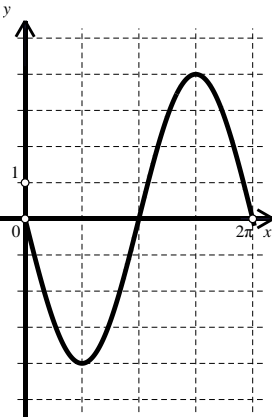
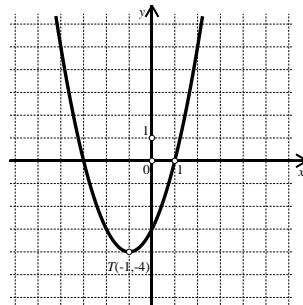
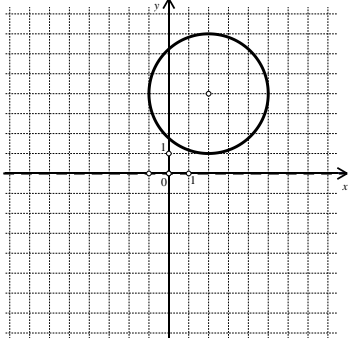


Državna matura 2012., ljetni rok

MATEMATIKA – viša razina

<b>1. D</b>	<b>2. D</b>	<b>3. C</b>	<b>4. B</b>	<b>5. B</b>
<b>6. B</b>	<b>7. D</b>	<b>8. A</b>	<b>9. A</b>	<b>10. B</b>
<b>11. A</b>	<b>12. B</b>	<b>13. C</b>	<b>14. B</b>	<b>15. B</b>
<b>16.</b> $n = \frac{b-a}{d} + 1$	<b>17.</b> $160^\circ, 55^\circ$	<b>18. 1.</b> -1	<b>18.2.</b> $\left\langle -\infty, \frac{4}{3} \right] \cup \left[ \frac{3}{2}, +\infty \right\rangle$	<b>19.1.</b> $y = \frac{9}{k+1} \quad (k \neq -1)$
<b>19.2.</b> 57	<b>20. 1.</b> $a^2 - 1 + ai$	<b>20.2.</b> 2	<b>21.1.</b> 37.89	<b>21.2.</b> 23.45
<b>22.1.</b> $-\frac{2}{3}$	<b>22.2.</b> $x < 4$	<b>23.1.</b> 960	<b>23.2.</b> 74%	<b>24.1.</b> 0.4636
<b>24.2.</b> 	<b>25.1.</b> $-\pi \sin x$	<b>25.2.</b> 9	<b>25.3.</b> -5	<b>26.</b> $T(-1, -4)$ 
<b>27.</b> $[-2, 1]$ $-\frac{1}{2}$	<b>28.1.</b> 182.25	<b>28.2.</b> 476	<b>28.3.</b> 20	<b>29.1.</b> $\left(\frac{2}{3}, 0\right)$
<b>29.2.</b> $2\vec{i} - 5\vec{j}$	<b>29.3.</b> $(x-2)^2 + (y-4)^2 = 9$ 	<b>29.4.</b> 10.625	<b>29.5.</b> $1.6785 \approx 1.7$	<b>30.</b> $\langle -\infty, -2 \rangle \cup \langle 2, +\infty \rangle$