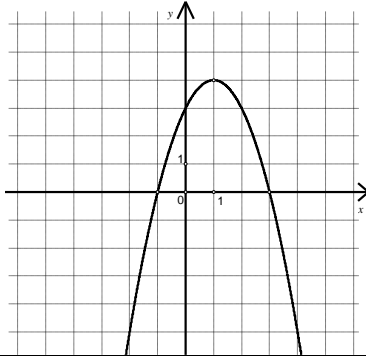
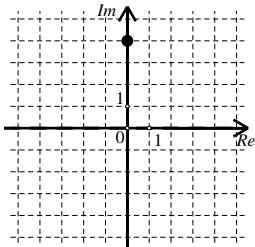


# RJEŠENJA ISPITA IZ MATEMATIKE NA DRŽAVNOJ MATURI

## JESENSKI ROK 2014.

### VIŠA RAZINA (A)

<b>1. C</b>	<b>2. D</b>	<b>3. B</b>	<b>4. A</b>	<b>5. B</b>
<b>6. C</b>	<b>7. A</b>	<b>8. B</b>	<b>9. A</b>	<b>10. A</b>
<b>11. D</b>	<b>12. B</b>	<b>13. B</b>	<b>14. C</b>	<b>15. D</b>
<b>16.</b> 0.377	<b>17.</b> 20	<b>18. 1.</b> $c = \frac{b-a}{a}$	<b>18.2.</b> $a^2$	<b>19.1.</b> $2x^3 + 6xy^2$
<b>19.2.</b> $\frac{6x}{x-1}$	<b>20. 1.</b> $x \leq 10$	<b>20.2.</b> $x - 2y - 6 = 0$	<b>21.1.</b> 	<b>21.2.</b> $[0, 2]$
<b>22.1.</b> $\frac{ab}{c}$	<b>22.2.</b> -4, 2	<b>23.1.</b> 	<b>23.2.</b> $-a + 6i$	<b>24.1.</b> 205
<b>24.2.</b> 15	<b>25.1.</b> $y^2 = 12x$	<b>25.2.</b> 3.75	<b>26.1.</b> $\frac{\pi}{4}$	<b>26.2.</b> $1.107149 + k\pi, k \in \mathbf{Z}$
<b>27. 1</b> 8.5	<b>27.2.</b> -5	<b>27.3.</b> $x_1 = 1, x_2 = 2$	<b>28.1.</b> $\mathbf{R} \setminus \left\{ -\frac{1}{2} \right\}$	<b>28.2.</b> $(0, 2), \left( -\frac{2}{5}, 0 \right)$
<b>28.3.</b> $f'(x) = \frac{1}{(2x+1)^2}$	<b>29.1.</b> $\frac{125\sqrt{3}}{6}$	<b>29.2.</b> $141^\circ 29' 58''$	<b>29.3.</b> 361.68	<b>29.4.</b> $10x - 7y = 0$
<b>30. 3</b>				