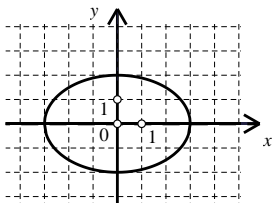
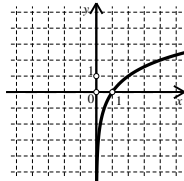


# RJEŠENJA ISPITA IZ MATEMATIKE NA DRŽAVNOJ MATURI – VERZIJA V1

## VIŠA RAZINA (A)

<b>1. D</b>	<b>2. D</b>	<b>3. D</b>	<b>4. C</b>	<b>5. B</b>
<b>6. C</b>	<b>7. C</b>	<b>8. A</b>	<b>9. B</b>	<b>10. A</b>
<b>11. A</b>	<b>12. C</b>	<b>13. A</b>	<b>14. A</b>	<b>15. B</b>
<b>16.</b> npr. 2023 ili 2034 ili 2045 ... odnosno bilo koji broj oblika $2023+11k, k \in \mathbb{N}_0$	<b>17.</b> 93512.9	<b>18. 1.</b> 120	<b>18.2.</b> 100	<b>19.1.</b> $2+a$
<b>19.2.</b> $\frac{2}{x-5}$	<b>20. 1.</b> $x \leq 3.6$	<b>20.2.</b> $\left\langle -\infty, -\frac{1}{5} \right] \cup \left[ \frac{1}{2}, \infty \right\rangle$	<b>21.1.</b> 1.25	<b>21.2.</b> 18
<b>22.1.</b> $y = x^2 - 4x$	<b>22.2.</b> 4	<b>23.1.</b> $L(10,9)$	<b>23.2.</b> $k > -2.5$	<b>24.1.</b> $(x-4)^2 + (y-4)^2 = 25$
<b>24.2.</b> 	<b>25.1.</b> $x > -2$	<b>25.2.</b> $x = 3$	<b>26.1.</b> $20x^3 + \cos x$	<b>26.2.</b> $\pm \frac{\pi}{3} + 2k\pi, k \in \mathbb{Z}$
<b>27. 1</b> 138.45	<b>27.2.</b> $69^\circ 54' 35''$	<b>27.3.</b> 379.126	<b>28.1.</b> $\langle 5, 14 \rangle$	<b>28.2.</b> 
<b>28.3.</b> $\frac{1}{2k}$	<b>29.1.</b> $(2x-3y)(2x-3y+1)$	<b>29.2.</b> $-3, 3, -2i, 2i$	<b>29.3.</b> $\left( \frac{6}{5}, \frac{24}{5} \right)$	<b>29.4.</b> lokalni minimum $(1, -5)$ lokalni maksimum $(-2, 22)$
<b>30.</b> 688.76				