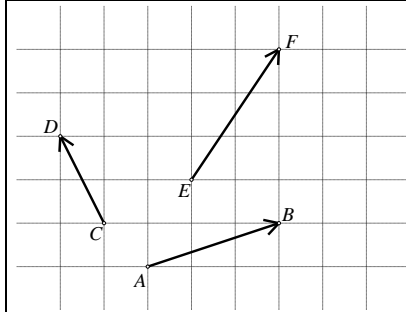
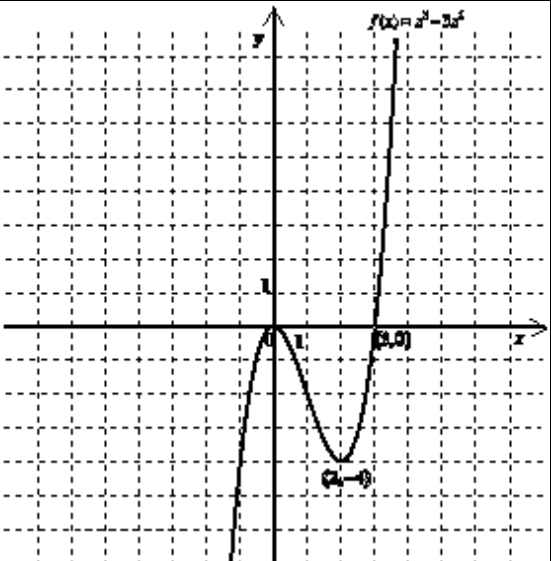


**RJEŠENJA ISPITA IZ MATEMATIKE NA DRŽAVNOJ MATURI - ljetni rok 2011.**  
**VIŠA RAZINA (A)**

<b>1. D</b>	<b>2. B</b>	<b>3. B</b>	<b>4. C</b>	<b>5. C</b>
<b>6. B</b>	<b>7. A</b>	<b>8. B</b>	<b>9. A</b>	<b>10. C</b>
<b>11. D</b>	<b>12. C</b>	<b>13. D</b>	<b>14. D</b>	<b>15. A</b>
<b>16.</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">10846</div>	<b>17.</b> $x = \div style{border: 1px solid black; padding: 2px; display: inline-block;">12 - a$	<b>18.1.</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">6</div>	<b>18.2.</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1.33</div> %	<b>19.1.</b> 
<b>19.2.</b> $k = \div style{border: 1px solid black; padding: 2px; display: inline-block;">-1$	<b>20.1.</b> $x = \div style{border: 1px solid black; padding: 2px; display: inline-block;">-3$	<b>20.2.</b> $\langle \div style{border: 1px solid black; padding: 2px; display: inline-block;">-3, 1 \rangle$	<b>21.1.</b> $\div style{border: 1px solid black; padding: 2px; display: inline-block;">(x-1)^2 + (y+3)^2 = 25$	<b>21.2.</b> $y = -\frac{1}{3}x - \frac{4}{3}$
<b>22.1.</b> $\div style{border: 1px solid black; padding: 2px; display: inline-block;">-\frac{1}{2}$	<b>22.2.</b> $\div style{border: 1px solid black; padding: 2px; display: inline-block;">[3, 7]$	<b>23.1.</b> $y = \div style{border: 1px solid black; padding: 2px; display: inline-block;">-26$	<b>23.2.</b> $y = -\frac{5}{2}x + 43$	<b>24.</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">41</div>
<b>24.2.</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1225</div>	<b>25.1.</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">24</div> °C	<b>25.2.</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">18 h 43 min</div>	<b>25.3.</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">48</div> °C	<b>26.</b> $ BD  = \div style{border: 1px solid black; padding: 2px; display: inline-block;">2.21$ cm $ AC  = \div style{border: 1px solid black; padding: 2px; display: inline-block;">13.67$ cm
<b>27.</b> $x = \div style{border: 1px solid black; padding: 2px; display: inline-block;">\frac{5}{2}$ , $y = \div style{border: 1px solid black; padding: 2px; display: inline-block;">-1$	<b>28.1.</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">308</div> kg	<b>28.2.</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">10 780</div> kn	<b>28.3.</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0.71</div> dm <sup>3</sup>	<b>29.1.</b> $\div style{border: 1px solid black; padding: 2px; display: inline-block;">0, 3$ $T \div style{border: 1px solid black; padding: 2px; display: inline-block;">(1, -2)$
<b>29.2.</b> $\div style{border: 1px solid black; padding: 2px; display: inline-block;">3x^2 - 6x$	<b>29. 3.</b> Minimum: (2, -4) Maksimum: (0, 0)	<b>29.4.</b> $\div style{border: 1px solid black; padding: 2px; display: inline-block;">y = 9x + 5$		
<b>29.5.</b> 			<b>30.</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">36°52'12"</div>	

