

Geometrija – eksplicitni i implicitni oblik jednadžbe pravca

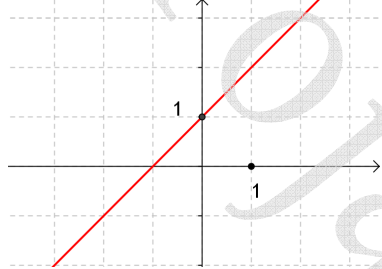
Zadan je pravac $x - 2y - 1 = 0$. Kako glasi jednadžba tog pravca u eksplicitnom obliku?

- A. $y = -\frac{1}{2}x - \frac{1}{2}$ B. $y = \frac{1}{2}x - 1$
 C. $y = \frac{1}{2}x - \frac{1}{2}$ D. $y = 2x - \frac{1}{2}$

Jednadžba pravca je $y = \frac{1}{3}x - 2$. Implicitni oblik jednadžbe ovog pravca je:

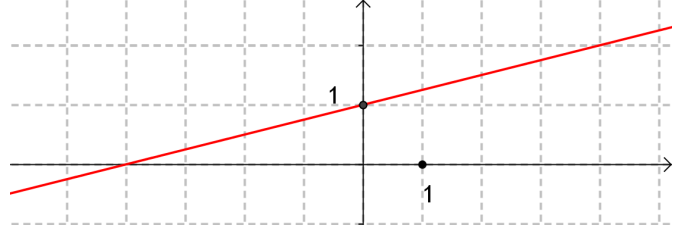
- A. $x - 3y - 2 = 0$ B. $-x - 3y + 6 = 0$
 C. $-x + 3y - 6 = 0$ D. $x - 3y - 6 = 0$

Koji pravac je prikazan na slici:



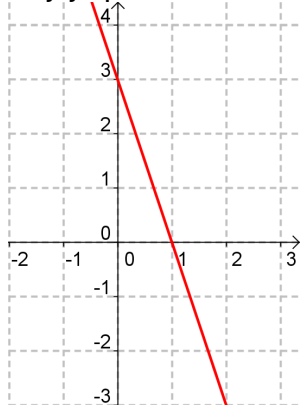
- A. $y = x - 1$ B. $y = x + 1$
 C. $y = 2x + 1$ D. $y = -2x + 1$

Koja od točaka pripada pravcu na slici?



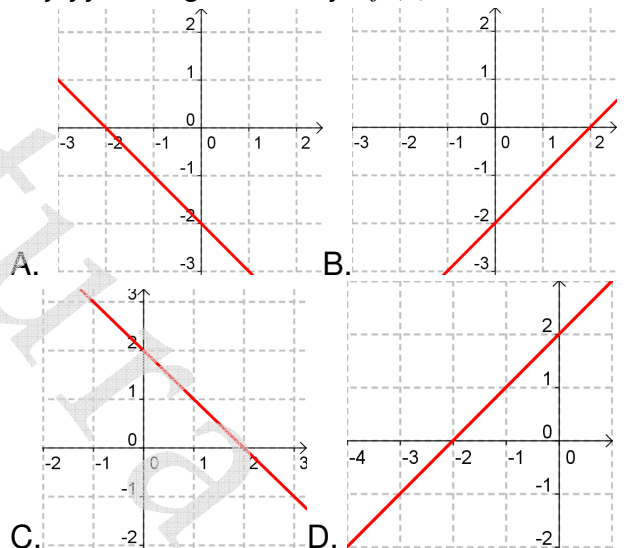
- A. (0, -4) B. (2, 4)
 C. (1, 0) D. (-4, 0)

Koji je pravac na slici:

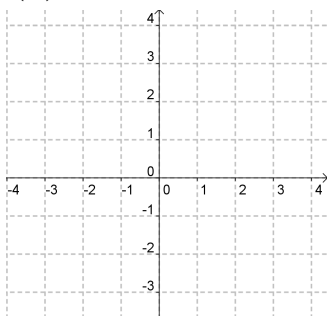


- A. $3x - y + 3 = 0$
 B. $y = 3x - 3$
 C. $y = -3x - 3$
 D. $3x + y - 3 = 0$

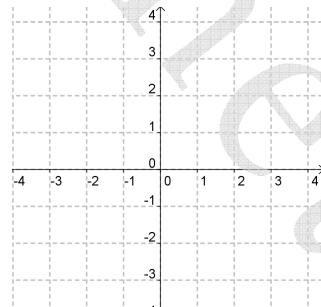
Na kojoj je slici graf funkcije $f(x) = -x + 2$?



U koordinatnom sustavu nacrtajte graf funkcije $f(x) = -x + 3$.



U koordinatnom sustavu nacrtajte pravac $x - 2y - 2 = 0$.



Kojem pravcu pripada točka $A(-2, 1)$?

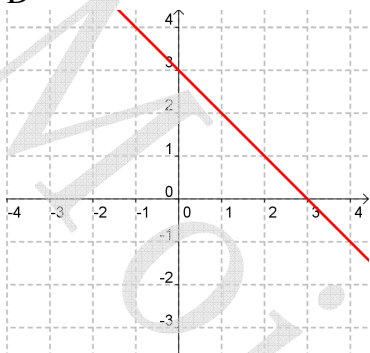
- A. $2x + 3y - 1 = 0$ B. $3x + 2y + 1 = 0$
 C. $2x + 3y + 1 = 0$ D. $3x - 2y + 1 = 0$

Ako je $6x - 4y - 3 = 0$, tada je y :

- A. $y = \frac{2}{3}x - \frac{3}{4}$ B. $y = -\frac{3}{2}x + \frac{4}{3}$
 C. $y = \frac{2}{3}x + \frac{3}{4}$ D. $y = \frac{3}{2}x - \frac{3}{4}$

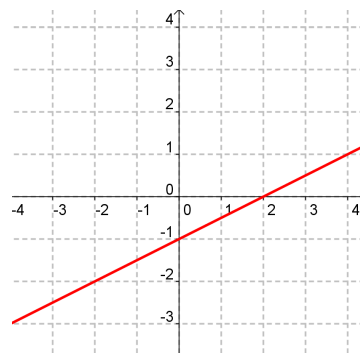
Rješenja:

- 1. C
- 3. B
- 5. D



- 7. C
- 9. C

- 2. D
- 4. D
- 6.



- 8. D
- 10. D

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