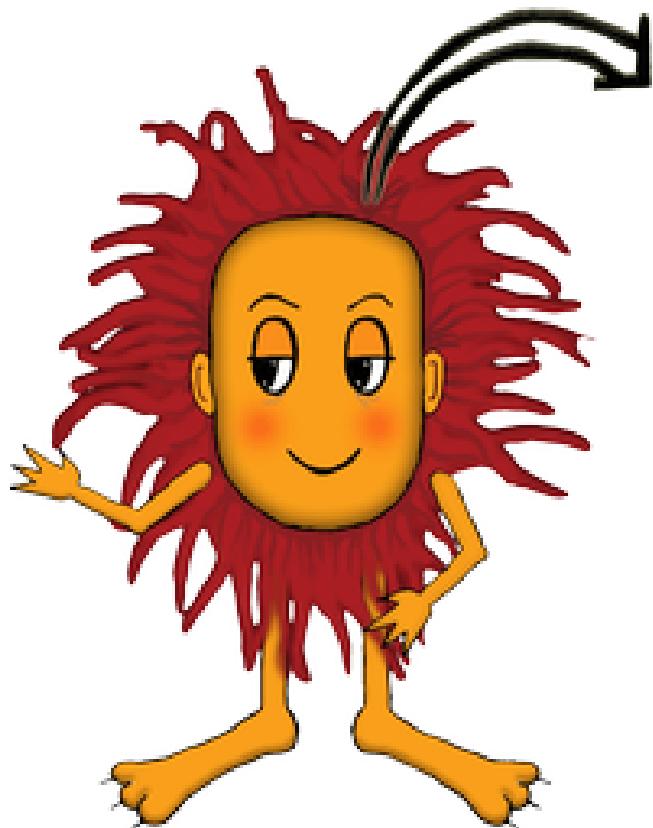


# Velika logična pošast



Diofantska enačba  $ax+by=c$

Dana je diofantska enačba  
 $ax+by=c$ .  
Poišči njeno rešitev, če obstaja.

1.

$$30x + 16y = 4$$

2.

$$33x + 19y = 4$$

3.

$$22x + 24y = 6$$

4.

$$37x + 25y = 8$$

5.

$$34x + 6y = 5$$

6.

$$17x + 16y = 1$$

7.

$$30x + 16y = 3$$

8.

$$9x + 7y = 3$$

9.

$$20x + 24y = 1$$

10.

$$14x + 8y = 0$$

11.

$$28x + 23y = 4$$

12.

$$27x + 6y = 1$$

13.

$$27x + 19y = 6$$

14.

$$15x + 17y = 7$$

15.

$$20x + 21y = 9$$

16.

$$39x + 19y = 6$$

17.

$$14x + 23y = 2$$

18.

$$14x + y = 5$$

19.

$$12x + 10y = 8$$

20.

$$34x + 13y = 5$$

21.

$$34x + 8y = 4$$

22.

$$39x + 16y = 0$$

**23.**

$$11x + 9y = 3$$

**24.**

$$25x + 19y = 2$$

**25.**

$$19x + 22y = 1$$

**26.**

$$28x + 4y = 8$$

**27.**

$$12x + 21y = 0$$

**28.**

$$12x + 23y = 6$$

**29.**

$$21x + 22y = 2$$

**30.**

$$17x + 20y = 6$$

**31.**

$$13x + 14y = 5$$

**32.**

$$19x + 11y = 4$$

**33.**

$$25x + 15y = 4$$

**34.**

$$18x + 14y = 4$$

**35.**

$$32x + 6y = 6$$

**36.**

$$24x + 6y = 8$$

**37.**

$$36x + 10y = 9$$

**38.**

$$30x + 19y = 7$$

**39.**

$$28x + 11y = 5$$

**40.**

$$34x + 21y = 1$$

**41.**

$$13x + 13y = 9$$

**42.**

$$12x + 11y = 6$$

**43.**

$$32x + 20y = 1$$

**44.**

$$32x + 7y = 9$$

**45.**

$$19x + y = 1$$

**46.**

$$39x + 8y = 9$$

**47.**

$$31x + 6y = 8$$

**48.**

$$38x + 24y = 1$$

**49.**

$$16x + y = 8$$

**50.**

$$38x + 5y = 1$$

**51.**

$$17x + 9y = 5$$

**52.**

$$39x + y = 8$$

**53.**

$$28x + 16y = 2$$

**54.**

$$33x + 18y = 5$$

**55.**

$$10x + 19y = 4$$

**56.**

$$22x + 11y = 9$$

**57.**

$$32x + 7y = 0$$

**58.**

$$16x + 8y = 2$$

**59.**

$$30x + 4y = 7$$

**60.**

$$20x + 8y = 9$$

**61.**

$$10x + 8y = 9$$

**62.**

$$10x + 15y = 7$$

**63.**

$$29x + 7y = 7$$

**64.**

$$10x + 25y = 2$$

**65.**

$$28x + 25y = 9$$

**66.**

$$35x + 22y = 6$$

**67.**

$$27x + 23y = 0$$

**68.**

$$25x + 23y = 0$$

**69.**

$$25x + 14y = 7$$

**70.**

$$26x + 10y = 5$$

**71.**

$$28x + 12y = 1$$

**72.**

$$30x + 13y = 7$$

**73.**

$$20x + 19y = 5$$

**74.**

$$31x + 10y = 8$$

**75.**

$$19x + 21y = 1$$

**76.**

$$17x + 26y = 6$$

**77.**

$$21x + 13y = 6$$

**78.**

$$9x + 26y = 6$$

**79.**

$$29x + 19y = 4$$

**80.**

$$24x + 12y = 6$$

**81.**

$$27x + 22y = 3$$

**82.**

$$30x + 2y = 7$$

**83.**

$$33x + 24y = 2$$

**84.**

$$33x + 4y = 6$$

**85.**

$$24x + 13y = 6$$

**86.**

$$20x + 17y = 7$$

**87.**

$$29x + 17y = 4$$

**88.**

$$35x + 5y = 6$$

**89.**

$$19x + 13y = 7$$

**90.**

$$37x + 5y = 4$$

**91.**

$$36x + 26y = 0$$

**92.**

$$17x + 22y = 8$$

**93.**

$$21x + 15y = 9$$

**94.**

$$26x + 15y = 6$$

**95.**

$$24x + 18y = 7$$

**96.**

$$18x + 8y = 2$$

**97.**

$$28x + 23y = 7$$

**98.**

$$31x + 7y = 8$$

**99.**

$$12x + 3y = 2$$

**100.**

$$30x + 3y = 9$$

**Rešitve:**

**1.**

$$\{x = 8s + 6, y = -15s - 11\}$$

**2.**

$$\{x = 19s + 3, y = -33s - 5\}$$

**3.**

$$\{x = 12s + 9, y = -11s - 8\}$$

**4.**

$$\{x = 25s + 9, y = -37s - 13\}$$

**5.**

protislovna enačba

**6.**

$$\{x = 16s + 1, y = -17s - 1\}$$

**7.**

protislovna enačba

**8.**

$$\{x = 7s + 5, y = -9s - 6\}$$

**9.**

protislovna enačba

**10.**

$$\{x = 4s, y = -7s\}$$

**11.**

$$\{x = 23s + 10, y = -28s - 12\}$$

**12.**

protislovna enačba

**13.**

$$\{x = 19s + 15, y = -27s - 21\}$$

**14.**

$$\{x = 17s + 5, y = -15s - 4\}$$

**15.**

$$\{x = 21s + 12, y = -20s - 11\}$$

**16.**

$$\{x = 19s + 6, y = -39s - 12\}$$

**17.**

$$\{x = 23s + 10, y = -14s - 6\}$$

**18.**

$$\{x = s, y = 5 - 14s\}$$

**19.**

$$\{x = 5s + 4, y = -6s - 4\}$$

**20.**

$$\{x = 13s + 12, y = -34s - 31\}$$

**21.**

$$\{x = 4s + 2, y = -17s - 8\}$$

**22.**

$$\{x = 16s, y = -39s\}$$

**23.**

$$\{x = 9s + 6, y = -11s - 7\}$$

**24.**

$$\{x = 19s + 13, y = -25s - 17\}$$

**25.**

$$\{x = 22s + 7, y = -19s - 6\}$$

**26.**

$$\{x = s, y = 2 - 7s\}$$

**27.**

$$\{x = 7s, y = -4s\}$$

**28.**

$$\{x = 23s + 12, y = -12s - 6\}$$

**29.**

$$\{x = 22s + 20, y = -21s - 19\}$$

**30.**

$$\{x = 20s + 18, y = -17s - 15\}$$

**31.**

$$\{x = 14s + 9, y = -13s - 8\}$$

**32.**

$$\{x = 11s + 6, y = -19s - 10\}$$

**33.**

protislovna enačba

**34.**

$$\{x = 7s + 1, y = -9s - 1\}$$

**35.**

$$\{x = 3s, y = 1 - 16s\}$$

**36.**

protislovna enačba

**37.**

protislovna enačba

**38.**

$$\{x = 19s + 11, y = -30s - 17\}$$

**39.**

$$\{x = 11s + 10, y = -28s - 25\}$$

**40.**

$$\{x = 21s + 13, y = -34s - 21\}$$

**41.**

protislovna enačba

**42.**

$$\{x = 11s + 6, y = -12s - 6\}$$

**43.**

protislovna enačba

**44.**

$$\{x = 7s + 4, y = -32s - 17\}$$

**45.**

$$\{x = s, y = 1 - 19s\}$$

**46.**

$$\{x = 8s + 7, y = -39s - 33\}$$

**47.**

$$\{x = 6s + 2, y = -31s - 9\}$$

**48.**

protislovna enačba

**49.**

$$\{x = s, y = 8 - 16s\}$$

**50.**

$$\{x = 5s + 2, y = -38s - 15\}$$

**51.**

$$\{x = 9s + 4, y = -17s - 7\}$$

**52.**

$$\{x = s, y = 8 - 39s\}$$

**53.**

protislovna enačba

**54.**

protislovna enačba

**55.**

$$\{x = 19s + 8, y = -10s - 4\}$$

**56.**

protislovna enačba

**57.**

$$\{x = 7s, y = -32s\}$$

**58.**

protislovna enačba

**59.**

protislovna enačba

**60.**

protislovna enačba

**61.**

protislovna enačba

**62.**  
protislovna enačba

**63.**  
 $\{x = 7s, y = 1 - 29s\}$

**64.**  
protislovna enačba

**65.**  
 $\{x = 25s + 3, y = -28s - 3\}$

**66.**  
 $\{x = 22s + 14, y = -35s - 22\}$

**67.**  
 $\{x = 23s, y = -27s\}$

**68.**  
 $\{x = 23s, y = -25s\}$

**69.**  
 $\{x = 14s + 7, y = -25s - 12\}$

**70.**  
protislovna enačba

**71.**  
protislovna enačba  
**72.**  
 $\{x = 13s + 5, y = -30s - 11\}$

**73.**  
 $\{x = 19s + 5, y = -20s - 5\}$

**74.**  
 $\{x = 10s + 8, y = -31s - 24\}$

**75.**  
 $\{x = 21s + 10, y = -19s - 9\}$

**76.**  
 $\{x = 26s + 8, y = -17s - 5\}$

**77.**  
 $\{x = 13s + 4, y = -21s - 6\}$

**78.**  
 $\{x = 26s + 18, y = -9s - 6\}$

**79.**  
 $\{x = 19s + 8, y = -29s - 12\}$

**80.**  
protislovna enačba

**81.**  
 $\{x = 22s + 5, y = -27s - 6\}$

**82.**  
protislovna enačba

**83.**  
protislovna enačba

**84.**  
 $\{x = 4s + 2, y = -33s - 15\}$

**85.**  
 $\{x = 13s + 10, y = -24s - 18\}$

**86.**  
 $\{x = 17s + 8, y = -20s - 9\}$

**87.**  
 $\{x = 17s + 6, y = -29s - 10\}$

**88.**  
protislovna enačba

**89.**  
 $\{x = 13s + 12, y = -19s - 17\}$

**90.**  
 $\{x = 5s + 2, y = -37s - 14\}$

**91.**  
 $\{x = 13s, y = -18s\}$

**92.**  
 $\{x = 22s + 16, y = -17s - 12\}$

**93.**  
 $\{x = 5s + 4, y = -7s - 5\}$

**94.**  
 $\{x = 15s + 6, y = -26s - 10\}$

**95.**  
protislovna enačba

**96.**  
 $\{x = 4s + 1, y = -9s - 2\}$

**97.**  
 $\{x = 23s + 6, y = -28s - 7\}$

**98.**  
 $\{x = 7s + 5, y = -31s - 21\}$

**99.**  
protislovna enačba

**100.**  
 $\{x = s, y = 3 - 10s\}$