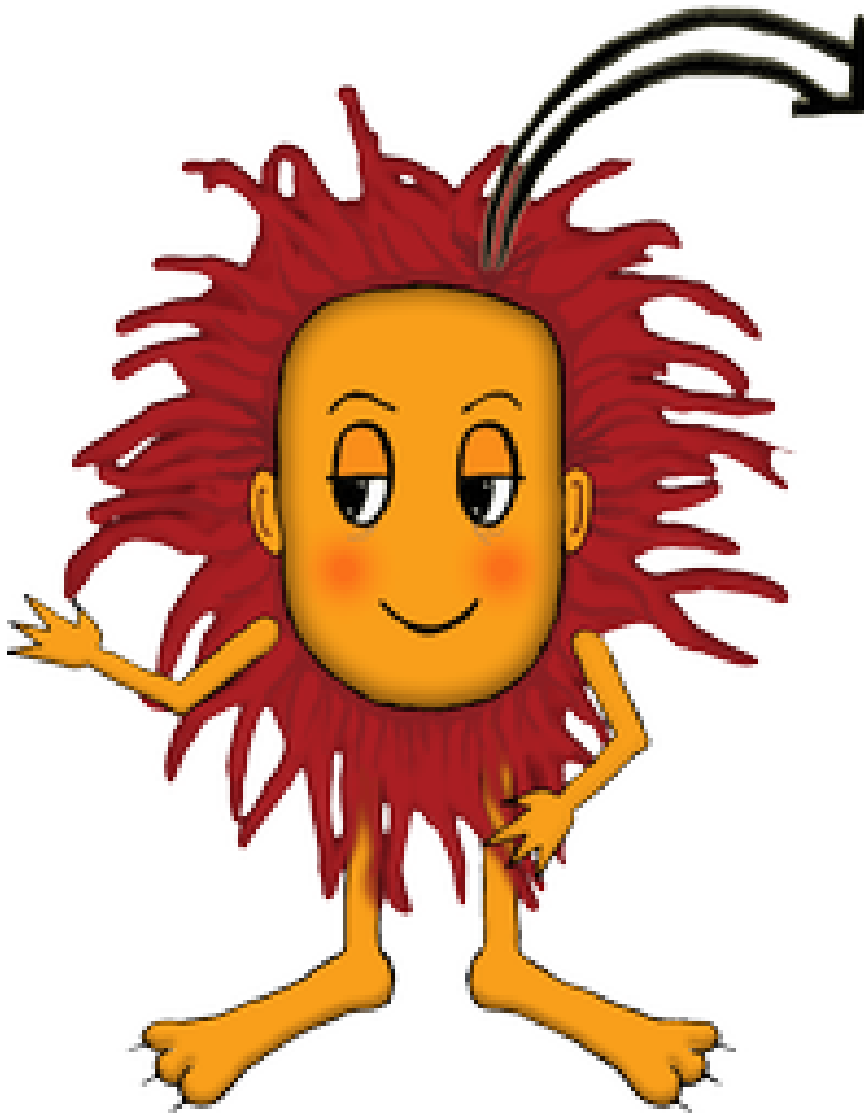# Velika logična pošast

Enačbe *ax+b=c*

Reši enačbo oblike
ax+b=c,
kjer je *a* parameter.

1.

$a\,x - 3 = 2$

2.

$a\,x + 5 = 5$

3.

$a\,x + 1 = 5$

4.

$a\,x + 1 = 1$

5.

$a\,x - 3 = 5$

6.

$a\,x + 5 = 5$

7.

$a\,x - 3 = 7$

8.

$a\,x + 5 = 5$

9.

$a\,x - 3 = 3$

10.

$a\,x + 1 = 2$

11.

$a\,x - 3 = 2$

12.

$a\,x + 4 = 5$

13.

$a\,x + 1 = 3$

14.

$a\,x + 4 = 6$

15.

$a\,x + 3 = 2$

16.

$a\,x - 5 = 5$

17.

$a\,x - 4 = 3$

18.

$a\,x - 1 = 4$

19.

$a\,x + 3 = 4$

20.

$a\,x - 1 = 1$

21.

$a\,x + 5 = 4$

22.

$a\,x - 1 = 2$

23.

$a\,x - 5 = 5$

24.

$a\,x - 2 = 1$

25.

$a\,x + 2 = 3$

26.

$a\,x - 4 = 2$

27.

$a\,x + 4 = 2$

28.

$a\,x - 2 = 1$

29.

$a\,x - 2 = 1$

30.

$a\,x + 1 = 3$

31.

$a\,x + 3 = 3$

32.

$a\,x - 4 = 6$

33.

$a\,x - 4 = 6$

34.

$a\,x + 2 = 5$

35.

$a\,x + 1 = 2$

36.

$a\,x + 3 = 7$

37.

$a\,x - 2 = 4$

38.

$a\,x - 2 = 5$

39.

$a\,x - 3 = 1$

40.

$a x - 4 = 7$

41.

$a x + 5 = 6$

42.

$a x - 3 = 4$

43.

$a x - 5 = 1$

44.

$a x - 4 = 5$

45.

$a x - 2 = 3$

46.

$a x - 5 = 5$

47.

$a x - 4 = 5$

48.

$a x - 3 = 1$

49.

$a x - 4 = 7$

50.

$a x - 5 = 2$

Rešitve:

1.

$\left(a < 0 \lor a > 0\right) \land x = \frac{5}{a}$

2.

$a = 0 \lor \left(\left(a < 0 \lor a > 0\right) \land x = 0\right)$

3.

$\left(a < 0 \lor a > 0\right) \land x = \frac{4}{a}$

4.

$a = 0 \lor \left(\left(a < 0 \lor a > 0\right) \land x = 0\right)$

5.

$\left(a < 0 \lor a > 0\right) \land x = \frac{8}{a}$

6.

$a = 0 \lor \left(\left(a < 0 \lor a > 0\right) \land x = 0\right)$

7.

$\left(a < 0 \lor a > 0\right) \land x = \frac{10}{a}$

8.

$$a = 0 \vee \left(\left(a < 0 \vee a > 0 \right) \wedge x = 0 \right)$$

9.

$$\left(a < 0 \vee a > 0 \right) \wedge x = \frac{6}{a}$$

10.

$$\left(a < 0 \vee a > 0 \right) \wedge x = \frac{1}{a}$$

11.

$$\left(a < 0 \vee a > 0 \right) \wedge x = \frac{5}{a}$$

12.

$$\left(a < 0 \vee a > 0 \right) \wedge x = \frac{1}{a}$$

13.

$$\left(a < 0 \vee a > 0 \right) \wedge x = \frac{2}{a}$$

14.

$$\left(a < 0 \vee a > 0 \right) \wedge x = \frac{2}{a}$$

15.

$$\left(a < 0 \vee a > 0 \right) \wedge x = -\frac{1}{a}$$

16.

$$\left(a < 0 \vee a > 0 \right) \wedge x = \frac{10}{a}$$

17.

$$\left(a < 0 \vee a > 0 \right) \wedge x = \frac{7}{a}$$

18.

$$\left(a < 0 \vee a > 0 \right) \wedge x = \frac{5}{a}$$

19.

$$\left(a < 0 \vee a > 0 \right) \wedge x = \frac{1}{a}$$

20.

$$\left(a < 0 \vee a > 0 \right) \wedge x = \frac{2}{a}$$

21.

$$\left(a < 0 \vee a > 0 \right) \wedge x = -\frac{1}{a}$$

22.

$$\left(a < 0 \vee a > 0 \right) \wedge x = \frac{3}{a}$$

23.

$$\left(a < 0 \vee a > 0 \right) \wedge x = \frac{10}{a}$$

24.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{3}{a}$$

25.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{1}{a}$$

26.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{6}{a}$$

27.

$$\left(a < 0 \lor a > 0\right) \land x = -\frac{2}{a}$$

28.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{3}{a}$$

29.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{3}{a}$$

30.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{2}{a}$$

31.

$$a = 0 \lor \left(\left(a < 0 \lor a > 0\right) \land x = 0\right)$$

32.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{10}{a}$$

33.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{10}{a}$$

34.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{3}{a}$$

35.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{1}{a}$$

36.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{4}{a}$$

37.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{6}{a}$$

38.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{7}{a}$$

39.

$$\left(a < 0 \lor a > 0\right) \land x = \frac{4}{a}$$

40.

$$\left(a < 0 \vee a > 0\right) \wedge x = \frac{11}{a}$$

41.

$$\left(a < 0 \vee a > 0\right) \wedge x = \frac{1}{a}$$

42.

$$\left(a < 0 \vee a > 0\right) \wedge x = \frac{7}{a}$$

43.

$$\left(a < 0 \vee a > 0\right) \wedge x = \frac{6}{a}$$

44.

$$\left(a < 0 \vee a > 0\right) \wedge x = \frac{9}{a}$$

45.

$$\left(a < 0 \vee a > 0\right) \wedge x = \frac{5}{a}$$

46.

$$\left(a < 0 \vee a > 0\right) \wedge x = \frac{10}{a}$$

47.

$$\left(a < 0 \vee a > 0\right) \wedge x = \frac{9}{a}$$

48.

$$\left(a < 0 \vee a > 0\right) \wedge x = \frac{4}{a}$$

49.

$$\left(a < 0 \vee a > 0\right) \wedge x = \frac{11}{a}$$

50.

$$\left(a < 0 \vee a > 0\right) \wedge x = \frac{7}{a}$$

Referenca:

Izidor Hafner Inequalities and Equations with Absolute Values
http://demonstrations.wolfram.com/InequalitiesAndEquationsWithAbsoluteValues/Wolfram
  Demonstrations Project
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