

Nakreslite graf funkcii  
a určite všetky  
vlastnosti.

1.  $y = 7$
2.  $y = -8$
3.  $y = 2x$
4.  $y = -x$
5.  $y = 5x - 1$
6.  $y = 4x + 3$
7.  $y = -2x - 5$
8.  $y = -3x + 7$
9.  $y = x^2 - 5$
10.  $y = 2x^6 + 3$
11.  $y = 3x^3 - 5$
12.  $y = -x^2 + 4$
13.  $y = (x-1)^{-2}$
14.  $y = 3(x+2)^{-3}$
15.  $y = \frac{1}{x+2} - 3$
16.  $y = \frac{2}{(x-3)^2} - 1$
17.  $y = 2(x+3)^4 + 1$
18.  $y = (x-1)^{-4} + 4$
19.  $y = 2(x-1)^2 - 4$
20.  $y = -(x+4)^2 + 3$
21.  $y = -3(x-4)^3 - 2$
22.  $y = x^2 + 2x$
23.  $y = x^2 - 6x$
24.  $y = x^2 + 4x + 3$
25.  $y = x^2 - 6x - 1$
26.  $y = 2x^2 - 4x + 5$
27.  $y = -2x^2 + 6x + 3$
28.  $y = 5 - 4x + 4x^2$
29.  $y = x^2 + 2x - 3$
30.  $y = 3x^2 + 3x - 6$
31.  $y = 2^{x-1}$
32.  $y = 3^x - 1$

$$33. y = \left(\frac{1}{2}\right)^{2x} + 3$$

$$34. y = 4^{x+2} - 2$$

$$35. y = -5^x - 3$$

$$36. y = -2^{x-5} + 1$$

$$37. y = 3^{2x+1} - 2$$

$$38. y = \left(\frac{1}{3}\right)^{x-2} + 1$$

$$39. y = |x - 7|$$

$$40. y = |3 + 5x|$$

$$41. y = |x + 6|$$

$$42. y = |7 - 8x|$$

$$43. y = \log x + 2$$

$$44. y = \log(x-2) - 3$$

$$45. y = \log_6(2x+1) + 4$$

$$46. y = 3 \ln(x+5) - 1$$

$$47. y = \log_3\left(\frac{x}{2} - 2\right)$$

$$48. y = \log_{\frac{1}{2}}(x+1) - 2$$

$$49. y = -\ln(3-x) + 1$$

$$50. y = 2 \log(x-1) - 4$$

$$51. y = \sin\left(x + \frac{\pi}{3}\right)$$

$$52. y = 2 \cdot \sin x + 1$$

$$53. y = \frac{1}{2} \sin\left(x + \frac{\pi}{6}\right)$$

$$54. y = -\cos\left(x - \frac{\pi}{4}\right) - 2$$

$$55. y = \cos 2x - 3$$

$$56. y = \sin \frac{1}{2}x - 1$$

$$57. y = 3 \cos\left(x - \frac{\pi}{3}\right) + 2$$

$$58. y = 4 \cdot \sin(x - \pi) + 1$$

$$59. y = -\sin\left(x + \frac{\pi}{2}\right) - 2$$

$$60. y = \sin \frac{1}{3}x$$