

VYPRŮBTEĚTE OBSAH ZOVINNEHO ÚTVARU,  
KTERÝ VE DMEZEN KĚIVKAMI

- 1)  $y = -x + 3, x = 4, x = -1, y = 0$
- 2)  $y = x - 10, x = 1, x = 5, y = 0$
- 3)  $y = \cos x, x = -\frac{\pi}{2}, x = \frac{3\pi}{2}, y = 0$
- 4)  $y = x^2 + 2x, y = 0, x = -3, x = 1$
- 5)  $y = \ln x, y = 0, x = 2, x = e$
- 6)  $y = \sin x + 2, y = 0, x = 0, x = \pi$
- 7)  $y = x^2 - 4, y = 0$
- 8)  $y = 3x - x^2, y = 0$
- 9)  $y = x^2, y = x$
- 10)  $y = \sqrt{x}, y = x^2$
- 11)  $y = 2 - x^2, y = x$
- 12)  $y = x^2 - 1, y = 8$
- 13)  $y = x^2 - 2x, y = x - x^2$
- 14)  $y = x, y = \frac{1}{x}, y = 0, x = 2$
- 15)  $y = x, y = \frac{1}{x}, y = 2$
- 16)  $y = e^x, y = e^{-x}, y = e$
- 17)  $y^2 = x, x + y - 2 = 0$
- 18)  $y = x^2 - 1, y = 1 - x^2$

- 19)  $y = (x+1)^2, y = 1-x, y = 0$
- 20)  $y = x^2 + 2, x = 0, ~~y = 0~~, x + y - 4 = 0$
- 21)  $4y = 8x - x^2, y = x + 6$
- 22)  $y = \sin x, y = \cos x, x = 0$
- 23)  $y = e^x, y = e^{-x}, x = 2$
- 24)  $y = (x-2)^3, x - y - 2 = 0$
- 25)  $y = x^2, y = \frac{1}{x}, y = 0, x = 5$
- 26)  $y = x^3 + 2, y = -6(x+1)^2, x = 0$