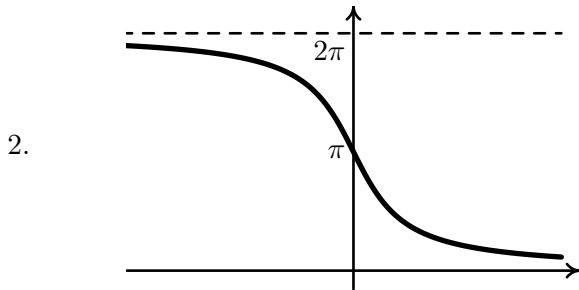
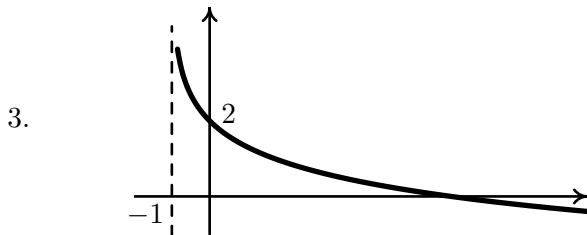


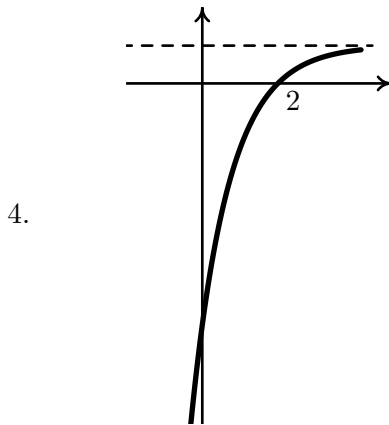
- A. $y = 2 - \frac{1}{2+x}$ D. $y = 2 - \frac{1}{x-2}$
 B. $y = 2 + \frac{1}{2+x}$ E. $y = \frac{1}{2+x} - 2$
 C. $y = 2 - \frac{1}{2-x}$ F. $y = 2 + \frac{1}{2-x}$



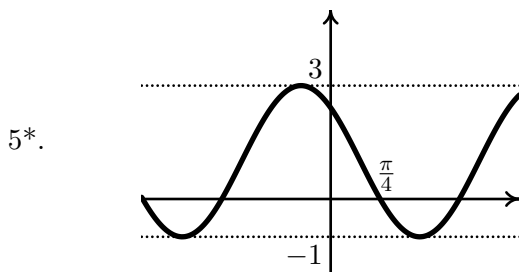
- A. $y = 2 \arccos x$ D. $y = \pi - 2 \operatorname{arctg} x$
 B. $y = -2 \arccos x$ E. $y = \pi + 2 \operatorname{arctg} x$
 C. $y = \arccos x + \frac{\pi}{2}$ F. $y = \operatorname{arctg} x + \frac{\pi}{2}$



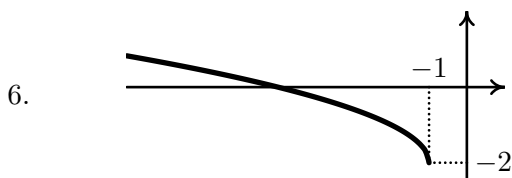
- A. $y = \log_{\frac{1}{2}}(x+1) - 2$ D. $y = \left(\frac{1}{2}\right)^x + 1$
 B. $y = \log_2(x+1) + 2$ E. $y = \left(\frac{1}{2}\right)^{1-x} + 1$
 C. $y = \log_{\frac{1}{2}}(x+1) + 2$ F. $y = 2 - \log_{\frac{1}{2}}(x+1)$



- A. $y = 1 - e^{2+x}$ D. $y = 1 + e^{2+x}$
 B. $y = 1 + e^{2-x}$ E. $y = 1 - e^{-2-x}$
 C. $y = e^{2-x} - 1$ F. $y = 1 - e^{2-x}$

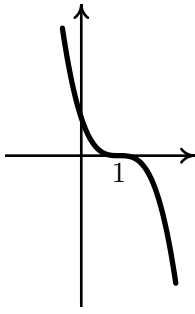


- A. $y = 1 + 2 \sin(x - \frac{\pi}{4})$ D. $y = 1 - \frac{1}{2} \cos(x - \frac{\pi}{4})$
 B. $y = 1 - 2 \sin(x - \frac{\pi}{4})$ E. $y = 1 - \frac{1}{2} \sin(x - \frac{\pi}{4})$
 C. $y = 1 - 2 \cos(x - \frac{\pi}{4})$ F. $y = 1 + \frac{1}{2} \sin(x - \frac{\pi}{4})$



- A. $y = \sqrt{-x-1} - 2$ D. $y = \ln(x-1) - 2$
 B. $y = 2 - \ln(x+1)$ E. $y = \ln(x+1) - 2$
 C. $y = \ln(1-x) - 2$ F. $y = 2 - \sqrt{x+1}$

7.

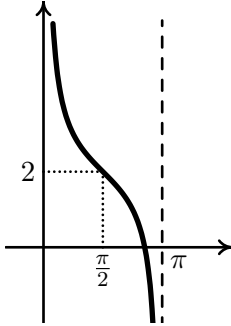


A. $y = (x + 1)^3$ D. $y = \operatorname{tg}(x - 1)$

B. $y = (-x)^3 - 1$ E. $y = \operatorname{cotg}(x - 1)$

C. $y = -\operatorname{tg}(x - 1)$ F. $y = (-x + 1)^3$

8.

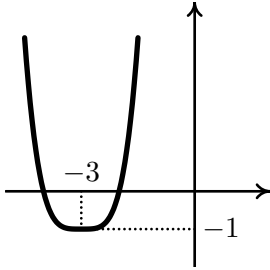


A. $y = 2 - (x - \frac{\pi}{2})^3$ D. $y = \operatorname{tg}(\frac{\pi}{2} - x) + 2$

B. $y = 2 - (x + \frac{\pi}{2})^3$ E. $y = \operatorname{cotg}(x - \frac{\pi}{2}) - 2$

C. $y = \operatorname{tg}(x - \frac{\pi}{2}) + 2$ F. $y = -\operatorname{cotg}(x - \frac{\pi}{2}) + 2$

9.

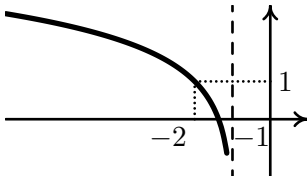


A. $y = -1 + (x + 3)^5$ D. $y = -1 + (x - 3)^5$

B. $y = -1 + (x + 3)^4$ E. $y = 1 - (x + 3)^4$

C. $y = -1 + (x - 3)^4$ F. $y = 1 - (x + 3)^5$

10.

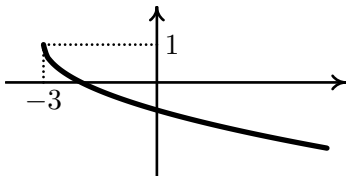


A. $y = \sqrt{x + 2} + 1$ D. $y = 1 + \ln(-1 - x)$

B. $y = \sqrt{2 - x} + 1$ E. $y = 1 - \ln(1 - x)$

C. $y = \ln(4 - x) + 1$ F. $y = -e^{x+2} - 1$

11.

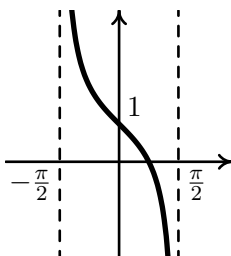


A. $y = \sqrt{x + 3} + 1$ D. $y = \ln(x - 3) + 1$

B. $y = -\ln(x - 3) + 1$ E. $y = 1 - \sqrt{x + 3}$

C. $y = \ln(3 - x) + 1$ F. $y = \sqrt{3 - x} + 1$

12.

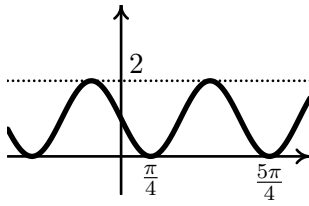


A. $y = (x - \frac{\pi}{2})^3 + 1$ D. $y = \operatorname{cotg} x + 1$

B. $y = -\operatorname{cotg}(x + \pi) + 1$ E. $y = -x^3 + 1$

C. $y = \operatorname{cotg}(x + 1)$ F. $y = 1 - \operatorname{tg}(x - 3\pi)$

13*.

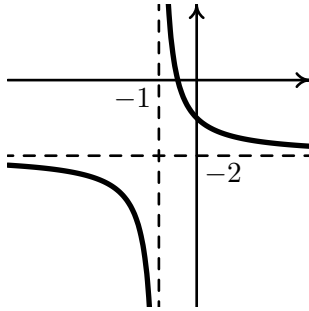


A. $y = 1 + \cos\left(\frac{1}{2}\left(x - \frac{\pi}{2}\right)\right)$ **D.** $y = 1 + \cos\left(\frac{1}{2}\left(x + \frac{\pi}{2}\right)\right)$

B. $y = 1 + \sin\left(2\left(x - \frac{\pi}{2}\right)\right)$ **E.** $y = 1 + \cos\left(2\left(x - \frac{\pi}{2}\right)\right)$

C. $y = 1 + \sin\left(\frac{1}{2}\left(x + \frac{\pi}{2}\right)\right)$ **F.** $y = 1 - \sin\left(2\left(x - \frac{\pi}{2}\right)\right)$

14.

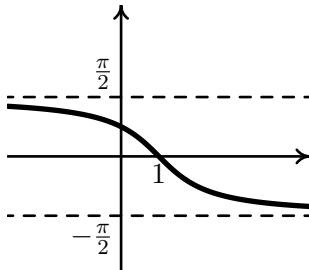


A. $y = \frac{1}{x-1} - 2$ **D.** $y = 2 - \frac{1}{x+1}$

B. $y = \frac{1}{x+1} + 2$ **E.** $y = 2 - \frac{1}{x-1}$

C. $y = \frac{1}{x+1} - 2$ **F.** $y = \frac{1}{1-x} - 2$

15.

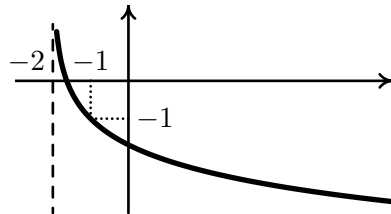


A. $y = \arctg(x-1)$ **D.** $y = -\arcsin(x-1)$

B. $y = \operatorname{arccotg}(x-1)$ **E.** $y = 1 - \arcsin x$

C. $y = \arctg(-x+1)$ **F.** $y = \operatorname{arccotg} x - \frac{\pi}{2}$

16.

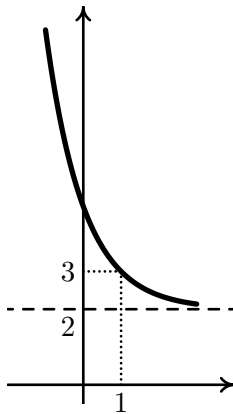


A. $y = \left(\frac{1}{3}\right)^{x+1} - 2$ **D.** $y = -3^{x+1} - 2$

B. $y = -\sqrt{x+1} - 1$ **E.** $y = \log_{\frac{1}{3}}(x+2) - 1$

C. $y = \log_3(x+2) - 1$ **F.** $y = -3^{x-1} - 2$

17.

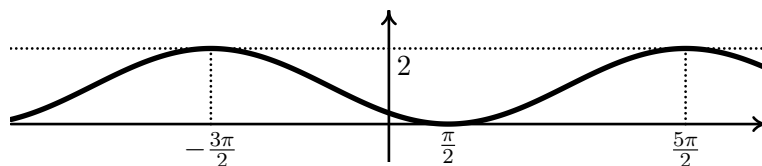


A. $y = 2 + e^{1-x}$ **D.** $y = 2 + e^{1+x}$

B. $y = \sqrt{x-1} + 3$ **E.** $y = 2 - e^{x+1}$

C. $y = \log_{\frac{1}{2}}(x+1) + 2$ **F.** $y = \sqrt{x+1} + 3$

18*.



A. $y = 1 - \sin\left(\frac{1}{2}\left(x - \frac{\pi}{2}\right)\right)$ **D.** $y = 1 + \sin\left(\frac{1}{2}\left(x - \frac{\pi}{2}\right)\right)$

B. $y = 1 - \sin\left(2\left(x - \frac{\pi}{2}\right)\right)$ **E.** $y = 1 - \cos\left(\frac{1}{2}\left(x - \frac{\pi}{2}\right)\right)$

C. $y = 1 - \cos\left(2\left(x - \frac{\pi}{2}\right)\right)$ **F.** $y = 1 + \cos\left(2\left(x - \frac{\pi}{2}\right)\right)$

Řešení:

1.A, 2.D, 3.C, 4.F, 5.B, 6.A, 7.F, 8.D, 9.B, 10.D, 11.E, 12.F, 13.B, 14.C,
15.C, 16.E, 17.A, 18.E