

Mi a határozott integrál(?)

1.

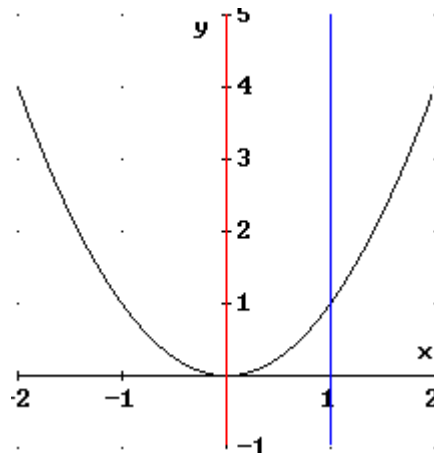
#1: x^2

#2: $\int_0^1 x^2 dx$

#3: $\frac{1}{3}$

#4: $x = 0$

#5: $x = 1$



#6: $\int_a^b x^2 dx$

#7: $\frac{b^3}{3} - \frac{a^3}{3}$

2.

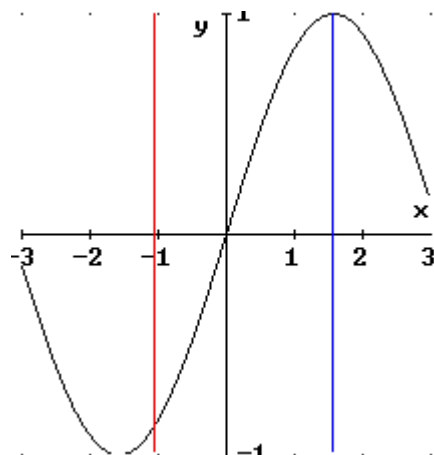
#8: $\sin(x)$

#9: $\int_{-\pi/3}^{\pi/2} \sin(x) dx$

#10: $\frac{1}{2}$

$$\#11: \quad x = -\frac{\pi}{3}$$

$$\#12: \quad x = \frac{\pi}{2}$$



$$\#13: \quad \int_a^b \sin(x) \, dx$$

$$\#14: \quad \cos(a) - \cos(b)$$

3.

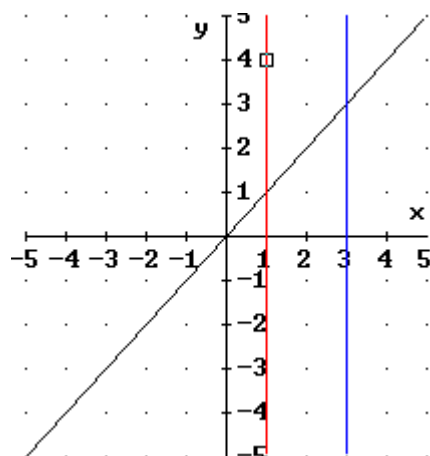
$$\#15: \quad x$$

$$\#16: \quad \int_1^3 x \, dx$$

$$\#17: \quad 4$$

$$\#18: \quad x = 1$$

$$\#19: \quad x = 3$$



#20: $\int_a^b x \, dx$

#21: $\frac{b^2}{2} - \frac{a^2}{2}$