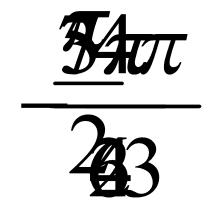
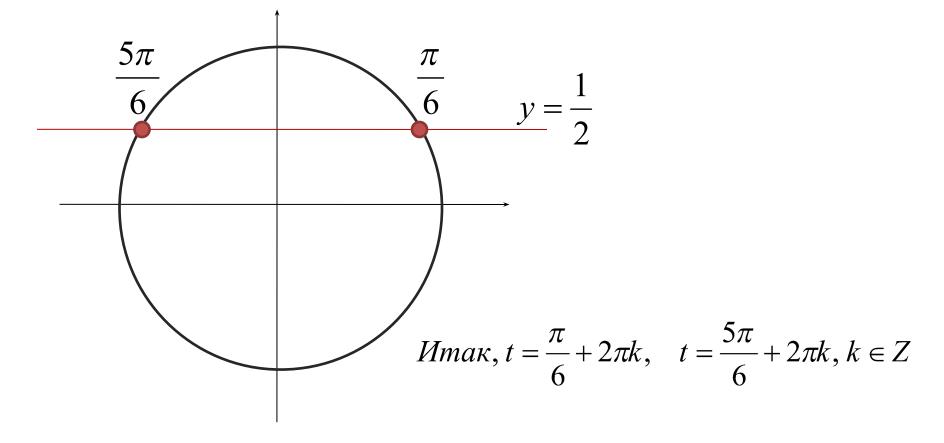
Синус и косинус

Математический диктант

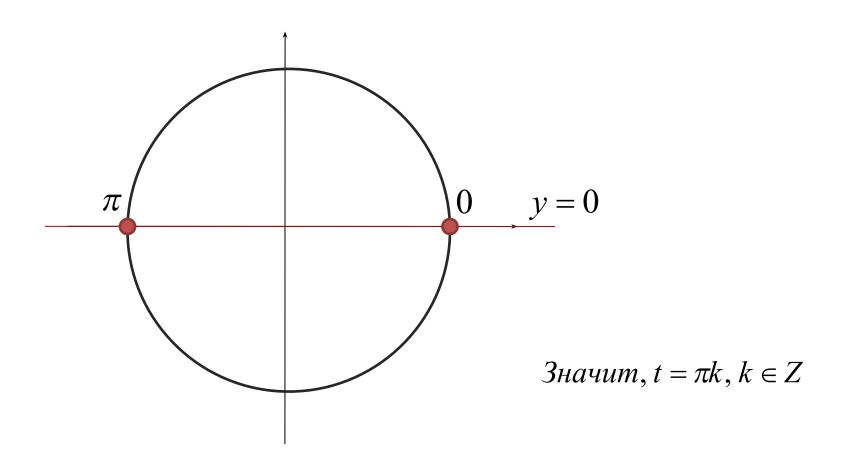
Вычислите значения sin t и cos t, если t может принимать значения:

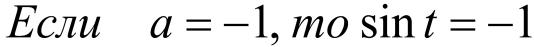


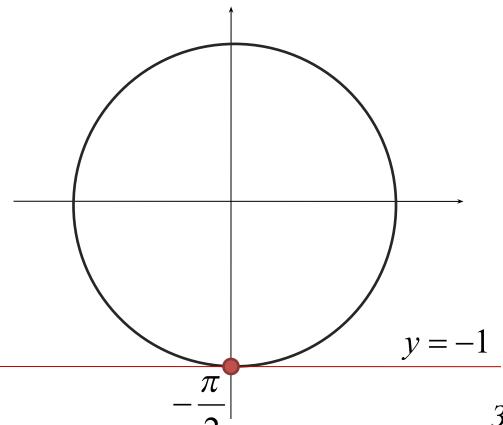
$$Ec\pi u$$
 $a = \frac{1}{2}$, $mo \sin t = \frac{1}{2}$



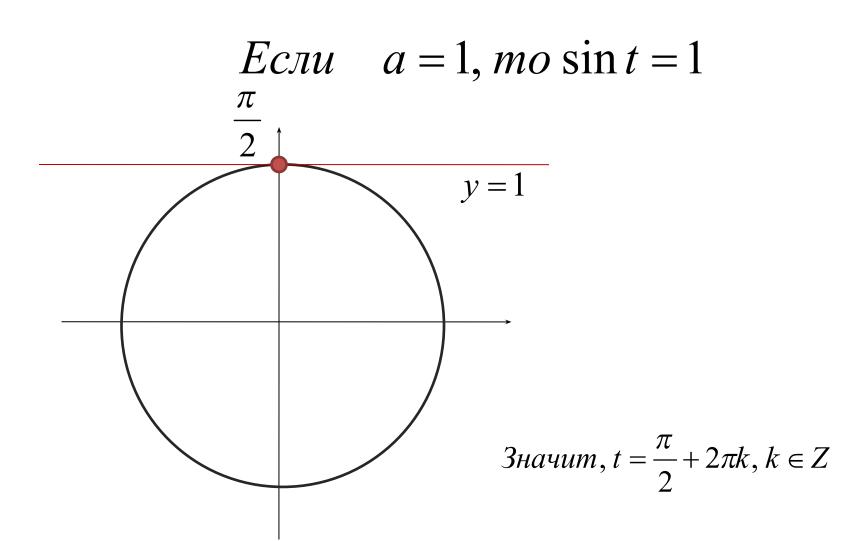
$$E$$
сли $a = 0$, $mo \sin t = 0$

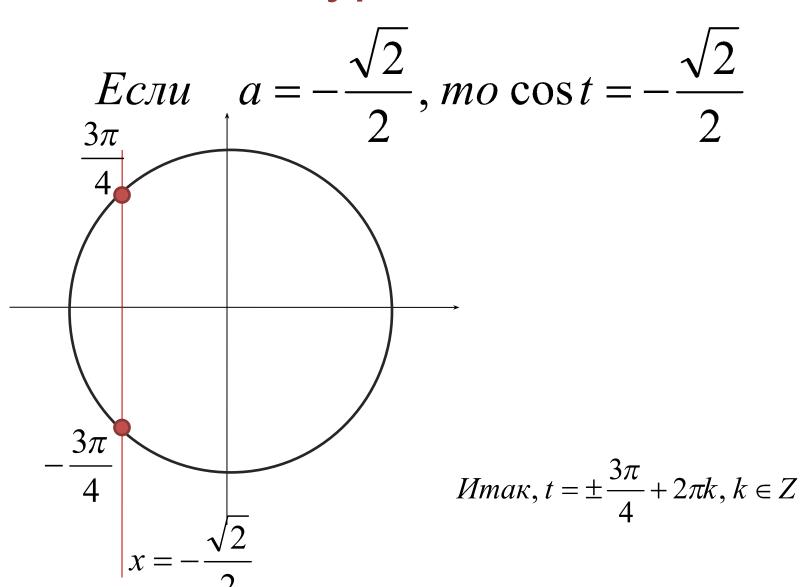




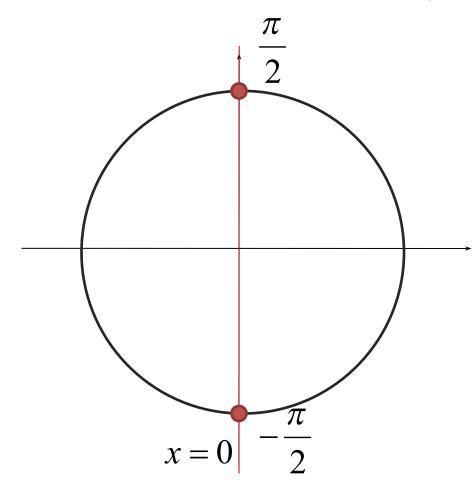


Значит,
$$t = -\frac{\pi}{2} + 2\pi k$$
, $k \in \mathbb{Z}$



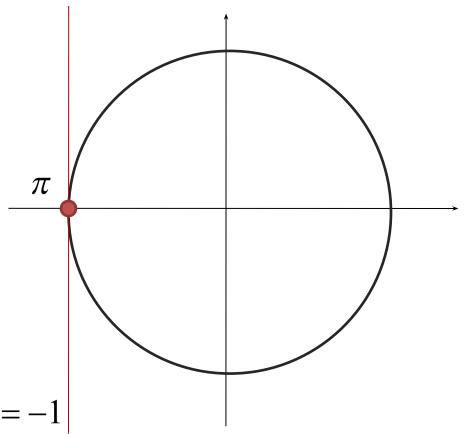


$$E$$
сли $a = 0$, $mo \cos t = 0$



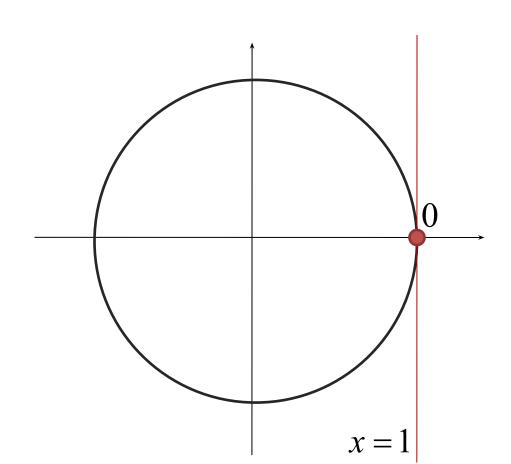
$$Uma\kappa, t = \frac{\pi}{2} + \pi k, k \in \mathbb{Z}$$

$$E c \pi u$$
 $a=-1$, $mo \cos t=-1$

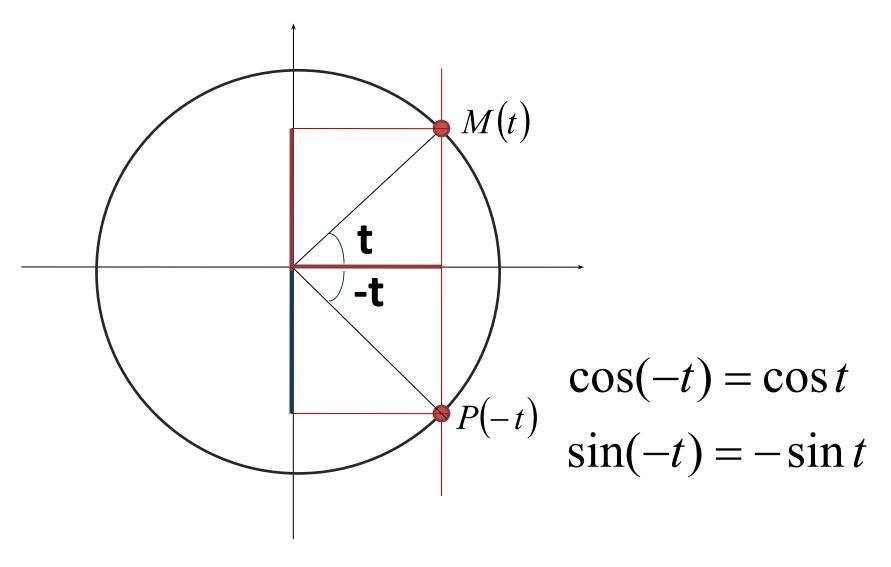


 $Uma\kappa$, $t = \pi + 2\pi k$, $k \in Z$

$$E c \pi u$$
 $a = 1, mo \cos t = 1$

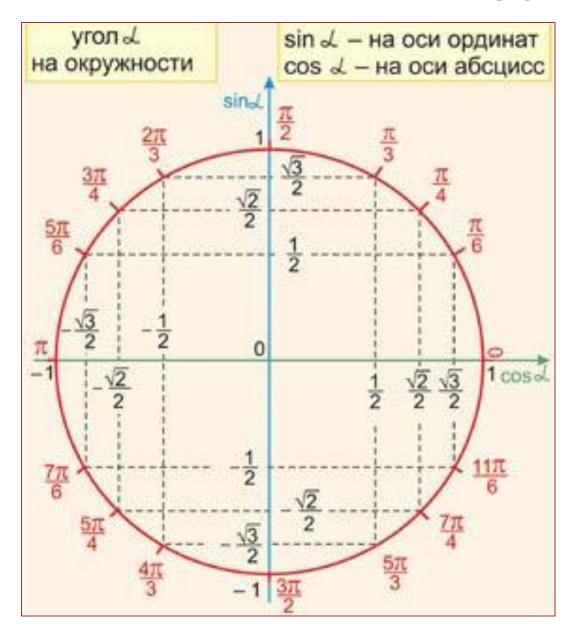


 $V ma\kappa, t = 2\pi k, k \in \mathbb{Z}$



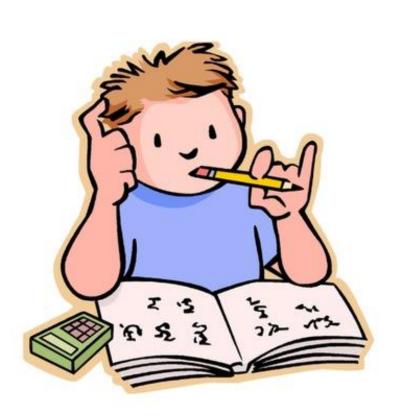
Равенства справедливы для любого числа t

Решаем задачи



§13, №27(a, б), №29(a, б), №30(a), №31(a,б)

; задание



§13 29(в, г), 30(б), 31(в, г),