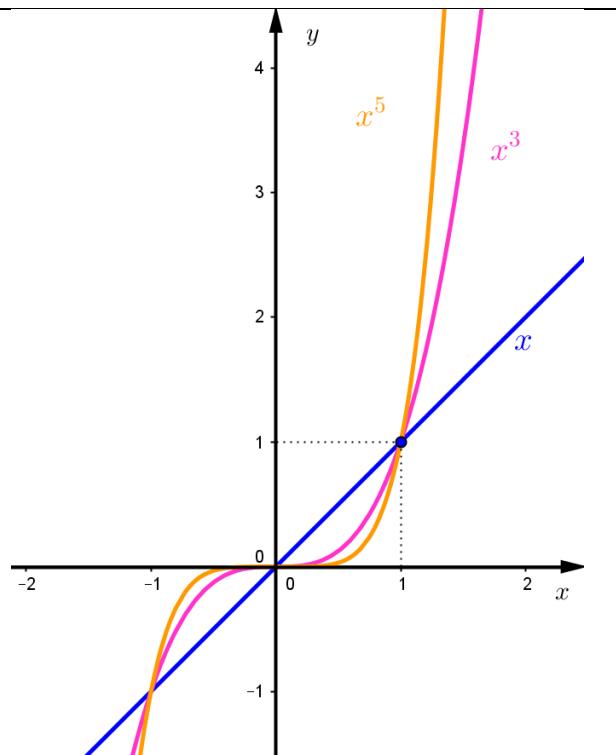
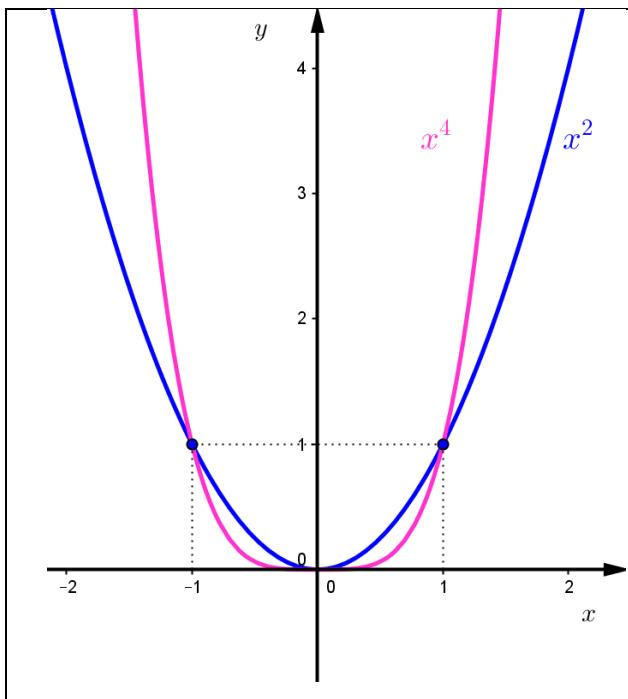
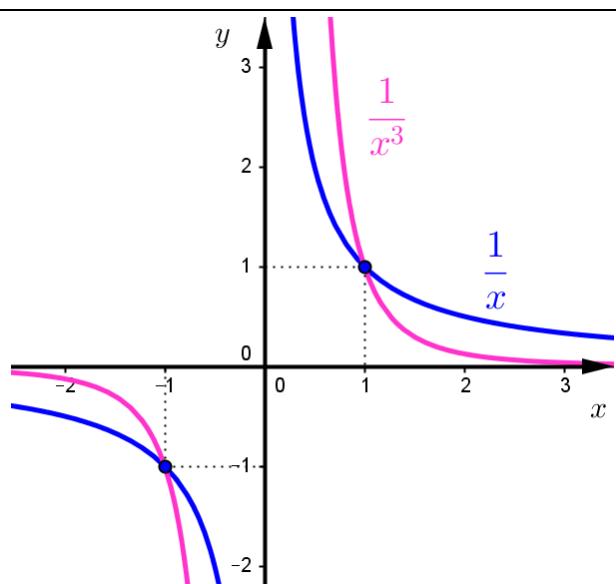
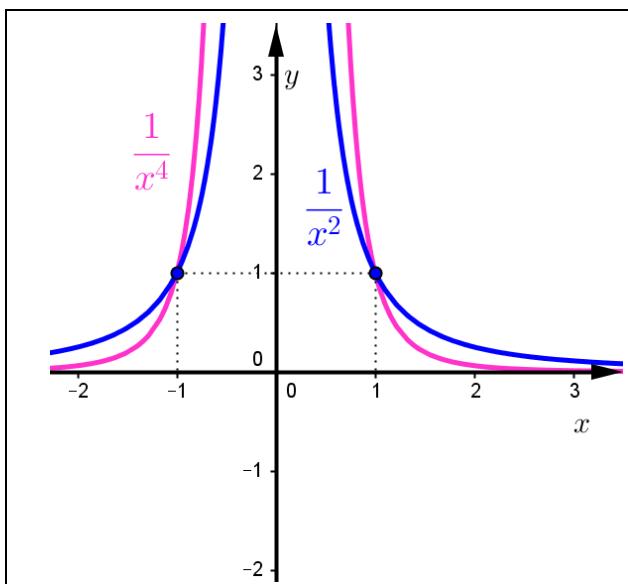


## Grafici di funzioni elementari



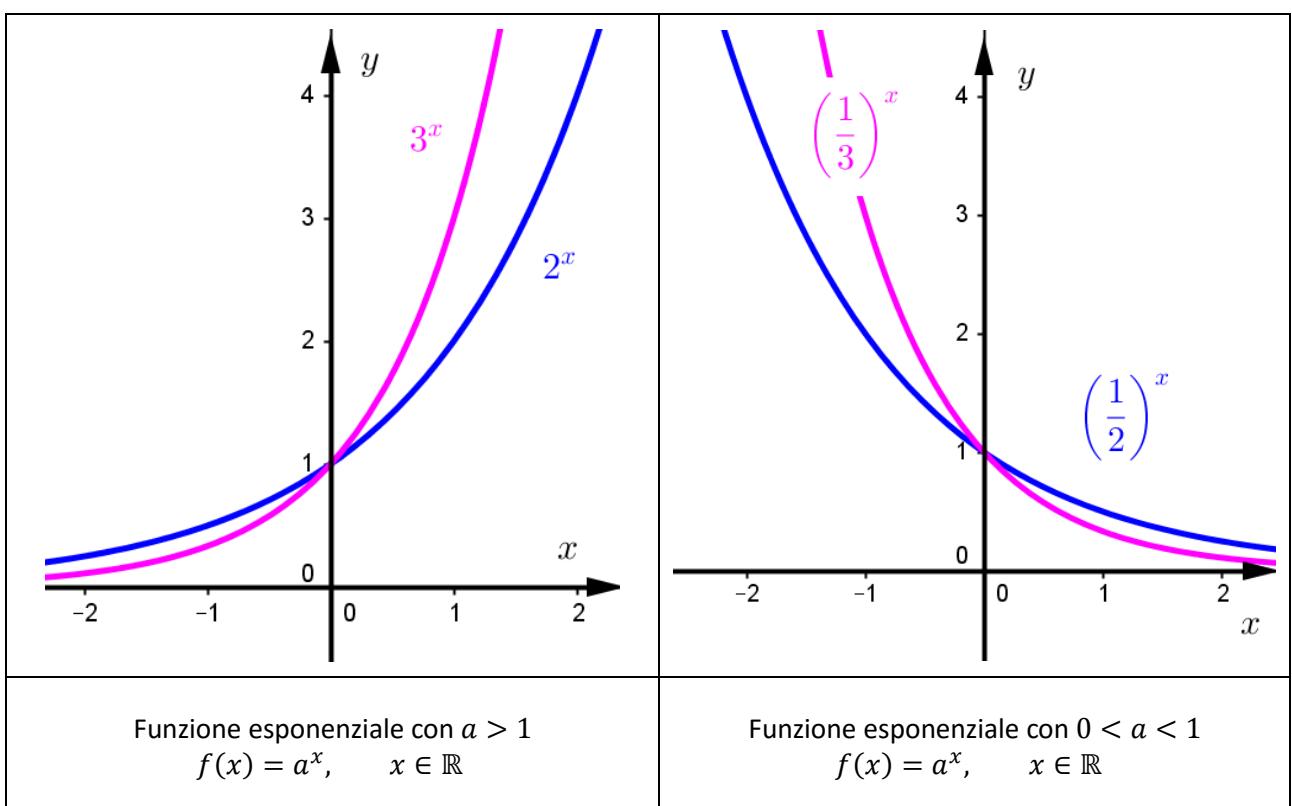
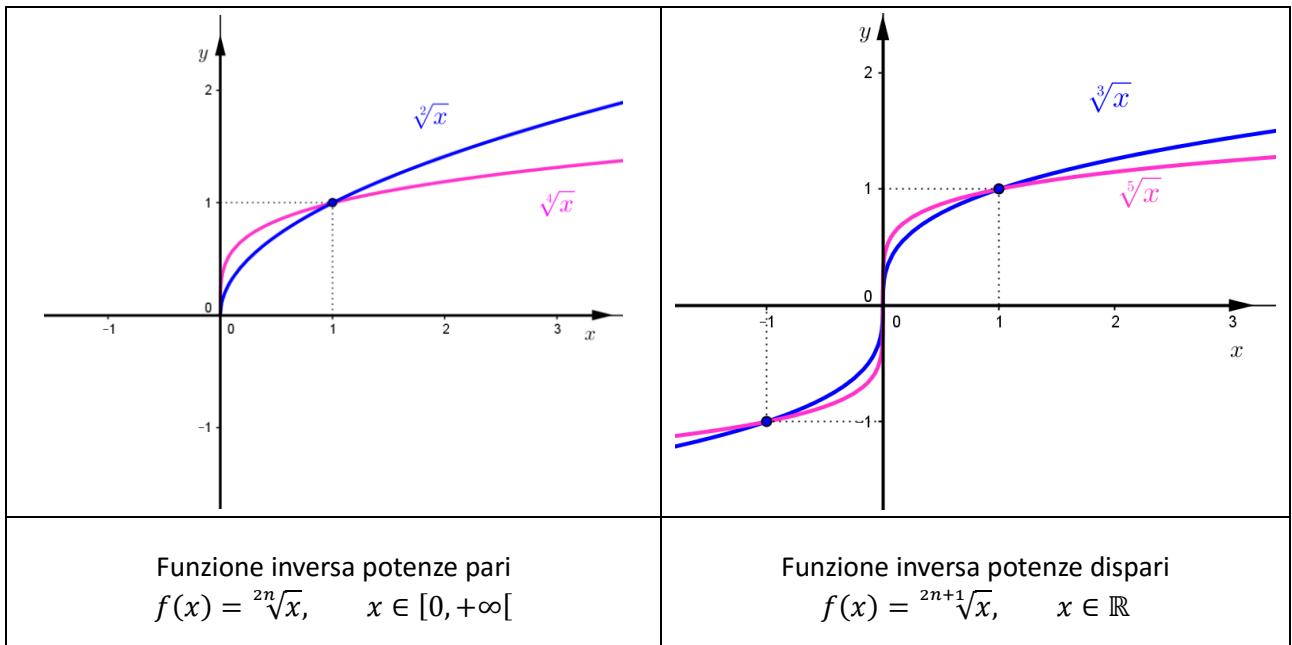
Funzione potenza pari  
 $f(x) = x^{2n}, \quad x \in \mathbb{R}$

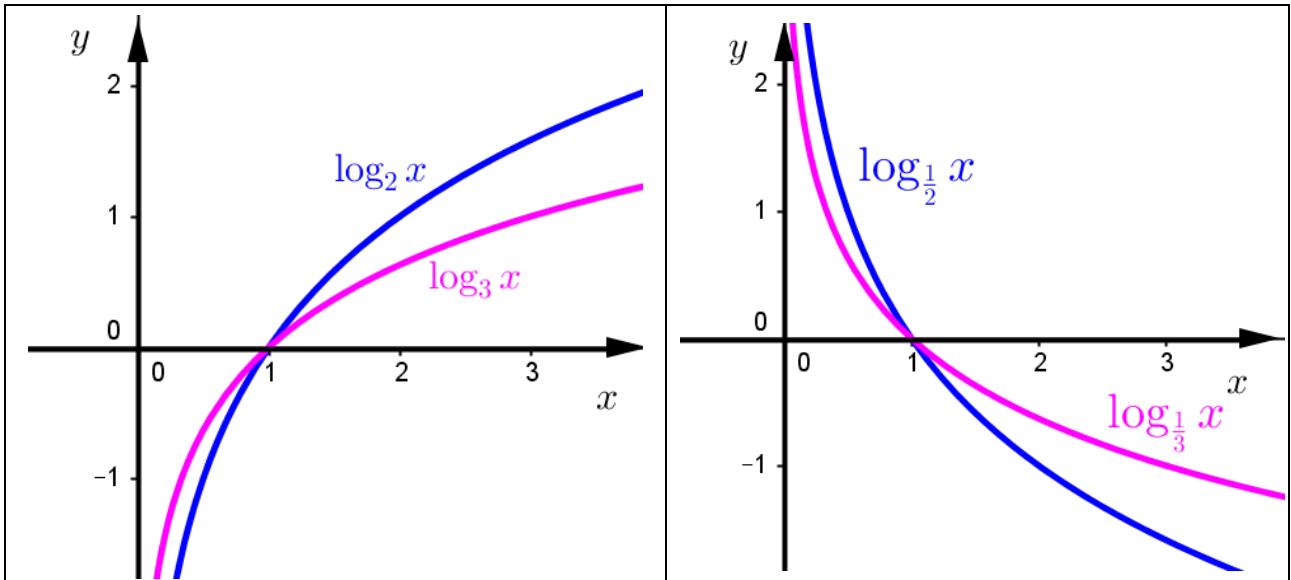
Funzione potenza dispari  
 $f(x) = x^{2n+1}, \quad x \in \mathbb{R}$



Funzione reciproca potenze pari  
 $f(x) = \frac{1}{x^{2n}}, \quad x \in \mathbb{R} \setminus \{0\}$

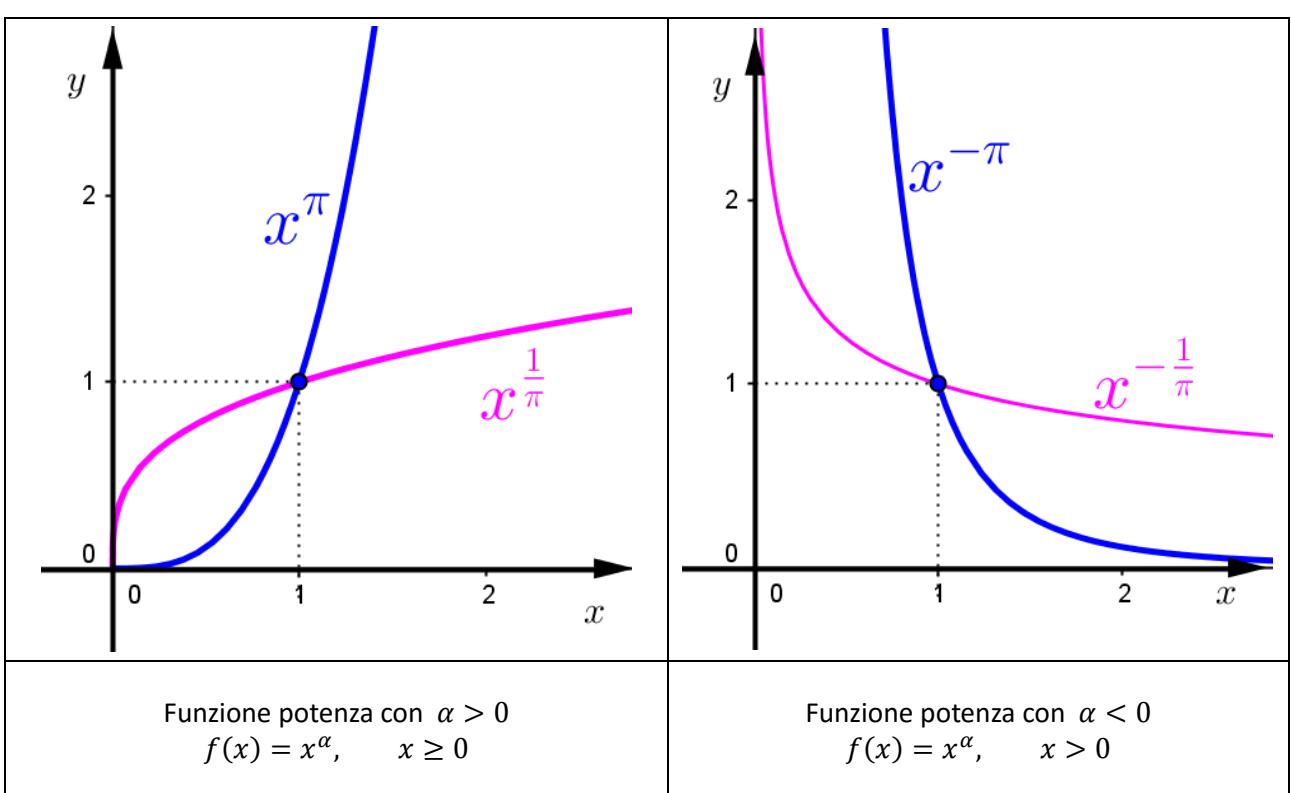
Funzione reciproca potenze dispari  
 $f(x) = \frac{1}{x^{2n+1}}, \quad x \in \mathbb{R} \setminus \{0\}$





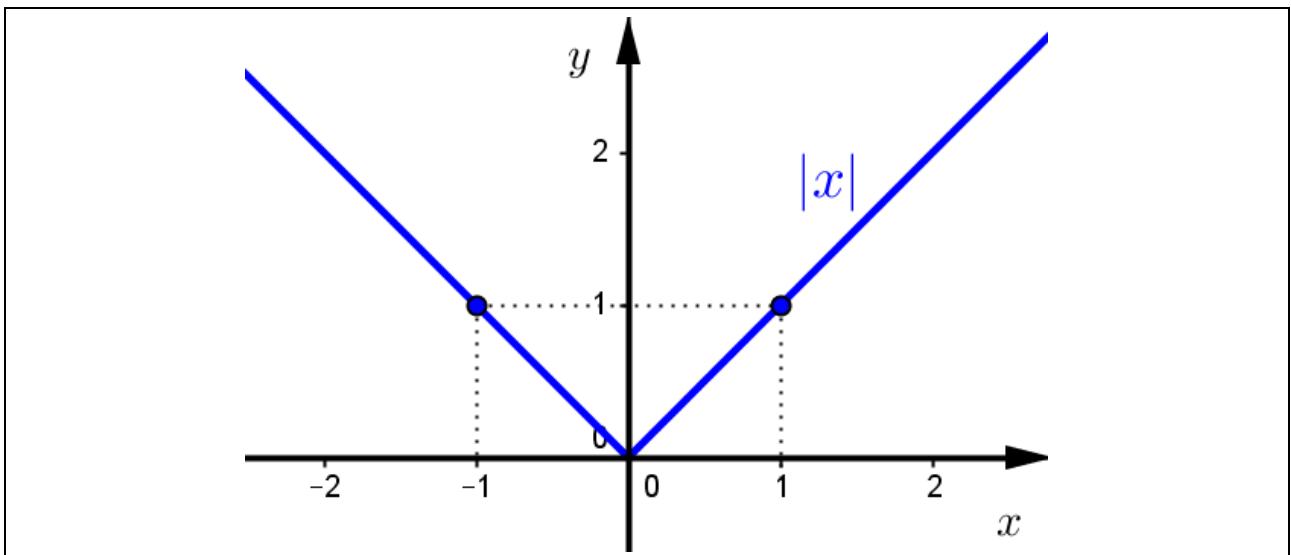
Funzione logaritmo con base  $a > 1$   
 $f(x) = \log_a x, \quad x \in ]0, +\infty[$

Funzione logaritmo con base  $0 < a < 1$   
 $f(x) = \log_a x, \quad x \in ]0, +\infty[$

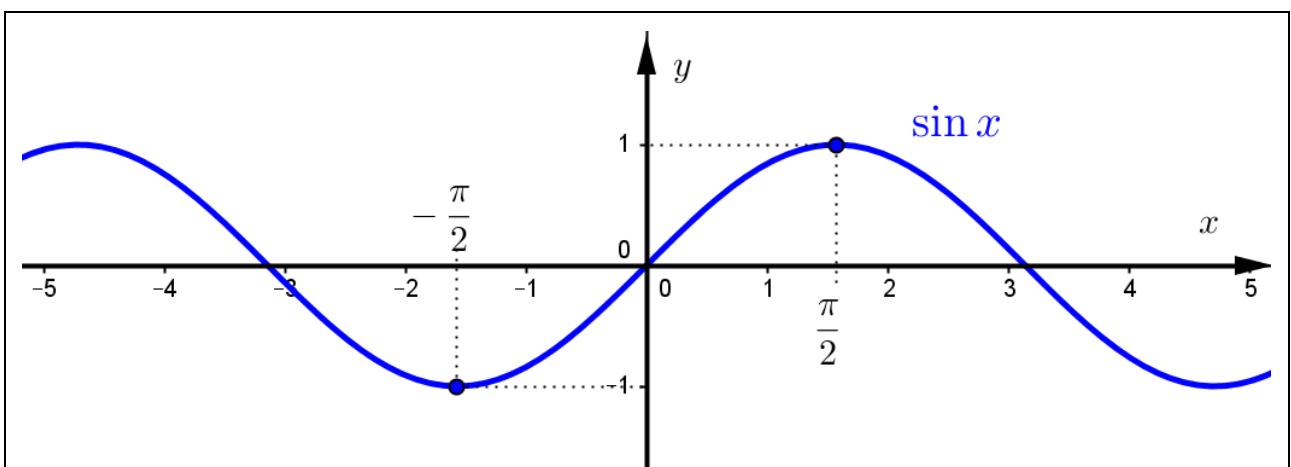


Funzione potenza con  $\alpha > 0$   
 $f(x) = x^\alpha, \quad x \geq 0$

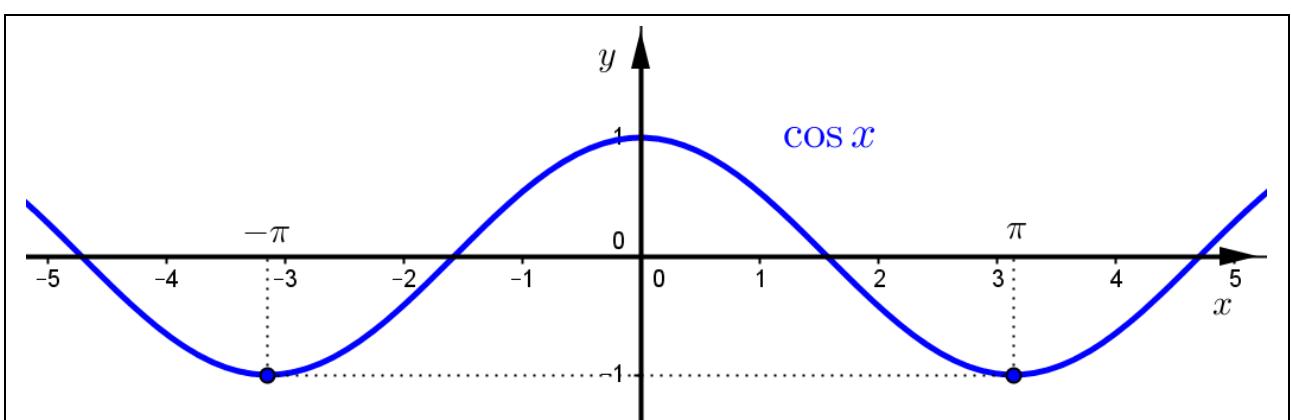
Funzione potenza con  $\alpha < 0$   
 $f(x) = x^\alpha, \quad x > 0$



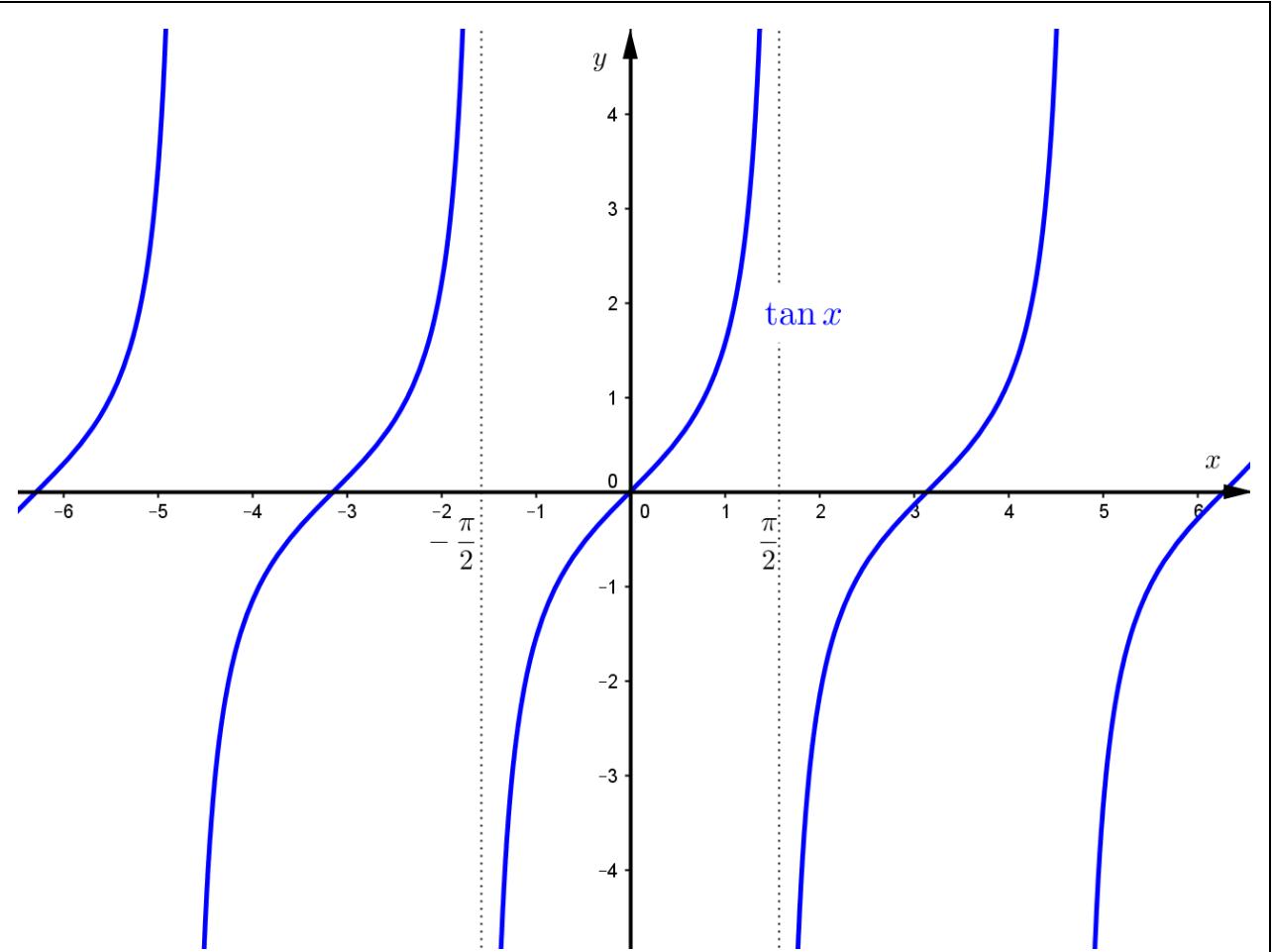
Funzione valore assoluto  
 $f(x) = |x|, \quad x \in \mathbb{R}$



Funzione seno  
 $f(x) = \sin x, \quad x \in \mathbb{R}$



Funzione coseno  
 $f(x) = \cos x, \quad x \in \mathbb{R}$



Funzione tangente  
 $f(x) = \tan x, \quad x \in \mathbb{R} \setminus \left\{ \frac{\pi}{2} + k\pi \right\}$

