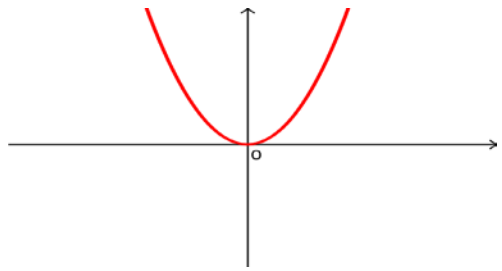
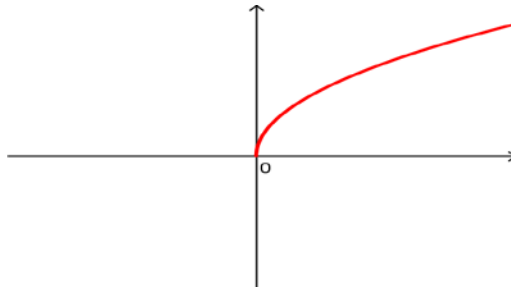
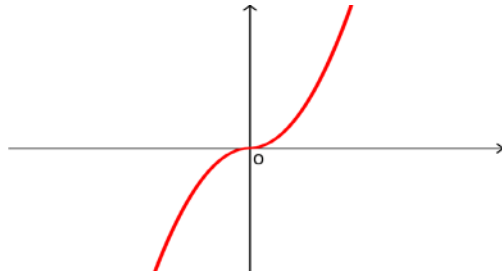
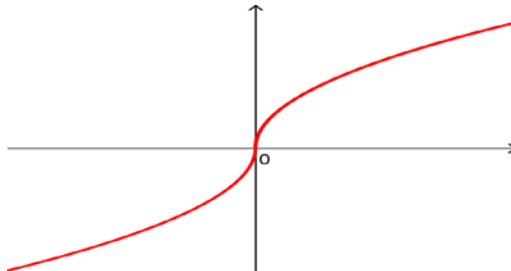
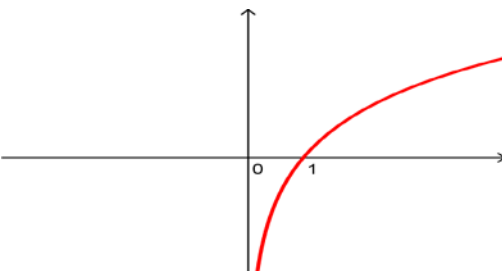
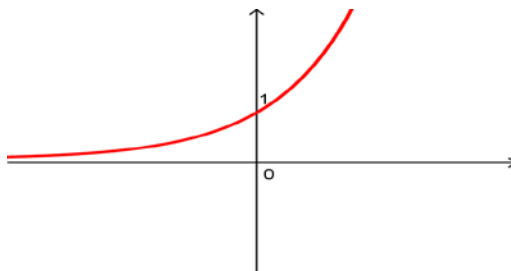
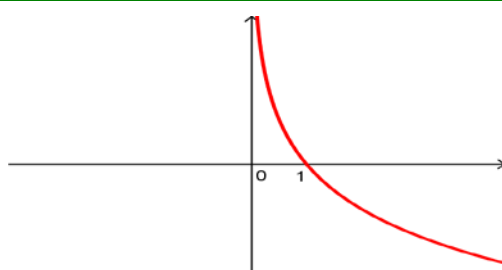
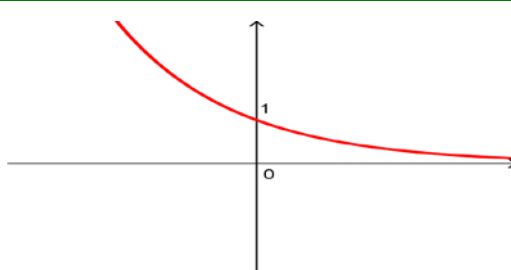
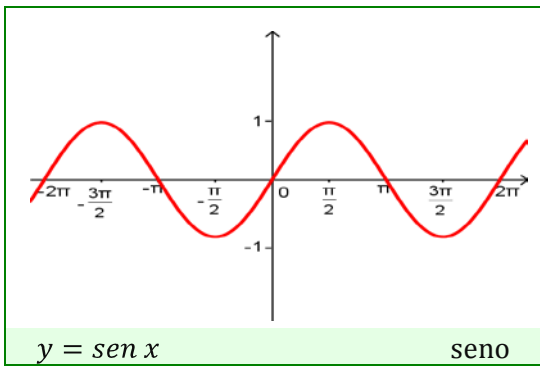
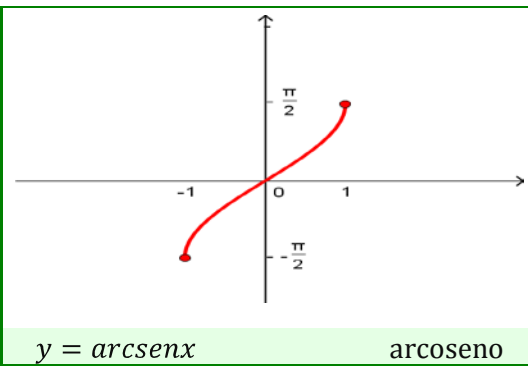
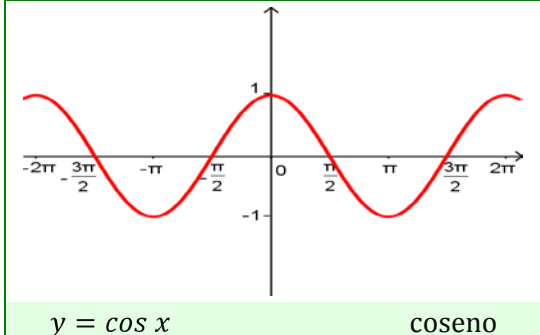
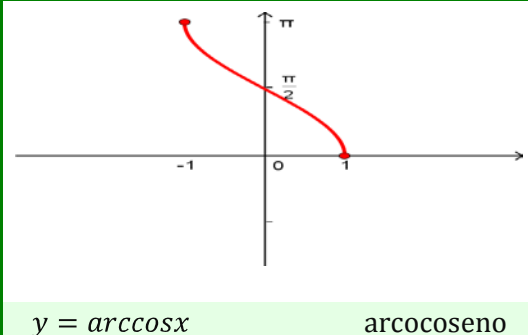
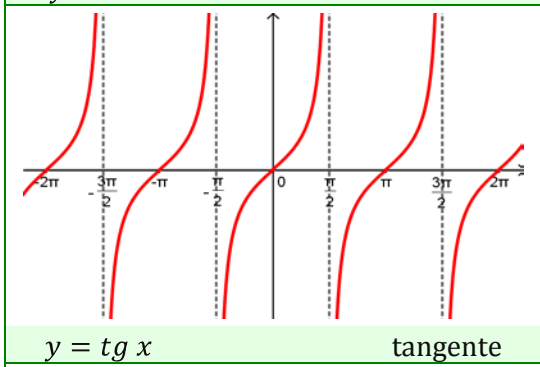
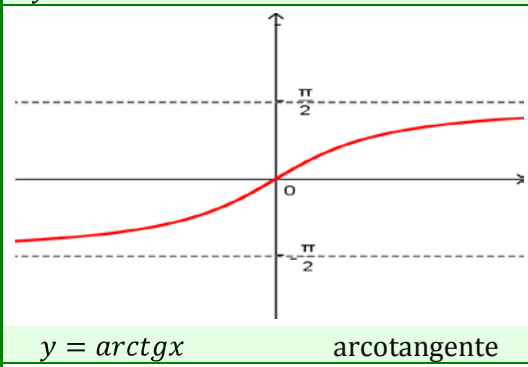
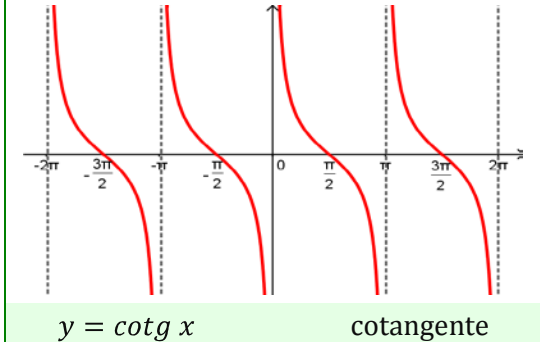
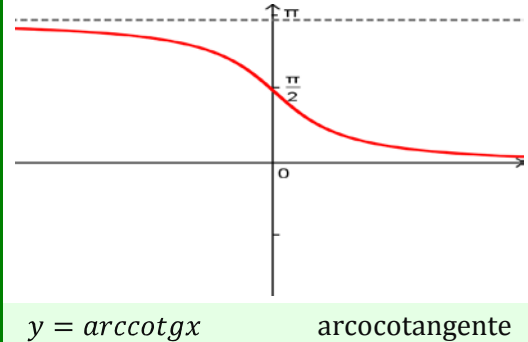


Limiti di funzioni elementari

	$\lim_{x \rightarrow -\infty} x^n = +\infty$		$\lim_{x \rightarrow -\infty} \sqrt[n]{x} = \text{non esiste}$
	$\lim_{x \rightarrow 0} x^n = 0$		$\lim_{x \rightarrow 0^+} \sqrt[n]{x} = 0$
	$\lim_{x \rightarrow +\infty} x^n = +\infty$		$\lim_{x \rightarrow +\infty} \sqrt[n]{x} = +\infty$
$y = x^n$ potenza con esponente pari	$y = \sqrt[n]{x}$ radice con indice pari		
	$\lim_{x \rightarrow -\infty} x^n = -\infty$		$\lim_{x \rightarrow -\infty} \sqrt[n]{x} = -\infty$
	$\lim_{x \rightarrow 0} x^n = 0$		$\lim_{x \rightarrow 0} \sqrt[n]{x} = 0$
	$\lim_{x \rightarrow +\infty} x^n = +\infty$		$\lim_{x \rightarrow +\infty} \sqrt[n]{x} = +\infty$
$y = x^n$ potenza con esponente dispari	$y = \sqrt[n]{x}$ radice con indice dispari		
	$\lim_{x \rightarrow -\infty} \log_b x = \text{non esiste}$		$\lim_{x \rightarrow -\infty} a^x = 0$
	$\lim_{x \rightarrow 0^+} \log_b x = -\infty$		$\lim_{x \rightarrow 0} a^x = 1$
	$\lim_{x \rightarrow +\infty} \log_b x = +\infty$		$\lim_{x \rightarrow +\infty} a^x = +\infty$
$y = \log_a x$ logaritmo con base > 1	$y = a^x$ esponenziale con base > 1		
	$\lim_{x \rightarrow -\infty} \log_b x = \text{non esiste}$		$\lim_{x \rightarrow -\infty} a^x = +\infty$
	$\lim_{x \rightarrow 0^+} \log_b x = +\infty$		$\lim_{x \rightarrow 0} a^x = 1$
	$\lim_{x \rightarrow +\infty} \log_b x = -\infty$		$\lim_{x \rightarrow +\infty} a^x = 0$
$y = \log_a x$ logaritmo con $0 < \text{base} < 1$	$y = a^x$ esponenziale con $0 < \text{base} < 1$		

Limiti di funzioni elementari

 <p>$y = \text{sen } x$ seno</p>	$\lim_{x \rightarrow \pm\infty} \text{sen } x = [-1, +1]$ $\lim_{x \rightarrow 0} \text{sen } x = 0$ $\lim_{x \rightarrow \pi/2} \text{sen } x = 1$	 <p>$y = \text{arcsen } x$ arcoseno</p>	$\lim_{x \rightarrow -1} \text{arcsen } x = -\pi/2$ $\lim_{x \rightarrow 0} \text{arcsen } x = 0$ $\lim_{x \rightarrow 1} \text{arcsen } x = \pi/2$
 <p>$y = \text{cos } x$ coseno</p>	$\lim_{x \rightarrow \pm\infty} \text{cos } x = [-1, +1]$ $\lim_{x \rightarrow 0} \text{cos } x = 1$ $\lim_{x \rightarrow \pi/2} \text{cos } x = 0$	 <p>$y = \text{arccos } x$ arcocoseno</p>	$\lim_{x \rightarrow -1} \text{arccos } x = \pi$ $\lim_{x \rightarrow 0} \text{arccos } x = \pi/2$ $\lim_{x \rightarrow 1} \text{arccos } x = 0$
 <p>$y = \text{tg } x$ tangente</p>	$\lim_{x \rightarrow 0} \text{tg } x = 0$ $\lim_{x \rightarrow \pi/2^-} \text{tg } x = +\infty$ $\lim_{x \rightarrow \pi/2^+} \text{tg } x = -\infty$	 <p>$y = \text{arctg } x$ arcotangente</p>	$\lim_{x \rightarrow -\infty} \text{arctg } x = -\pi/2$ $\lim_{x \rightarrow 0} \text{arctg } x = 0$ $\lim_{x \rightarrow +\infty} \text{arctg } x = \pi/2$
 <p>$y = \text{cotg } x$ cotangente</p>	$\lim_{x \rightarrow 0^-} \text{cotg } x = -\infty$ $\lim_{x \rightarrow 0^+} \text{cotg } x = +\infty$ $\lim_{x \rightarrow \pi/2} \text{cotg } x = 0$	 <p>$y = \text{arccotg } x$ arcocotangente</p>	$\lim_{x \rightarrow -\infty} \text{arccotg } x = \pi$ $\lim_{x \rightarrow 0} \text{arccotg } x = \pi/2$ $\lim_{x \rightarrow +\infty} \text{arccotg } x = 0$