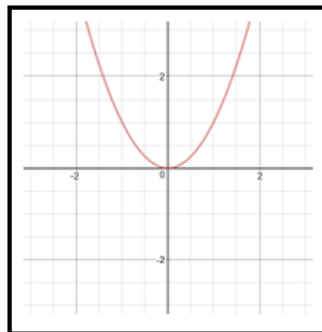
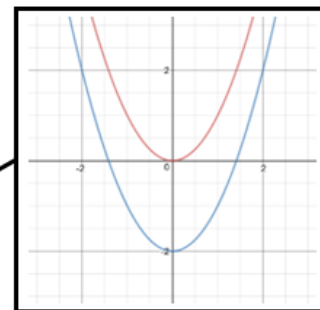
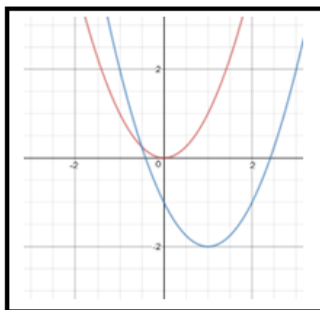
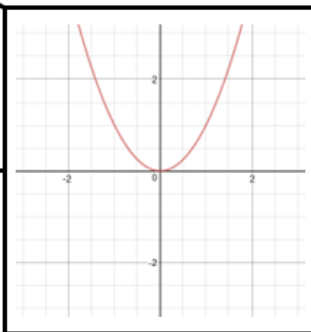


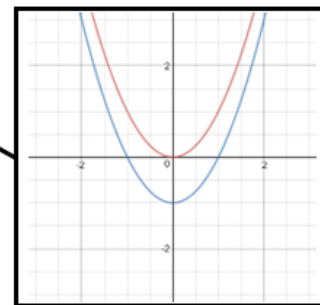
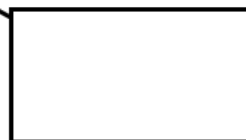
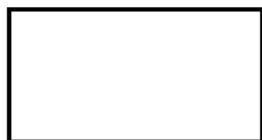
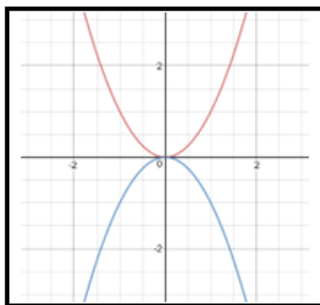
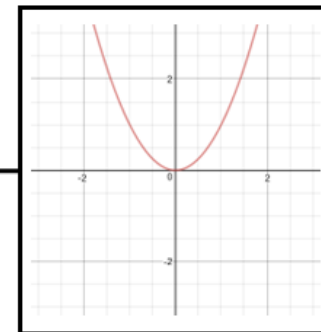
Transforming Functions Spider 1



$$f(x - 1)$$

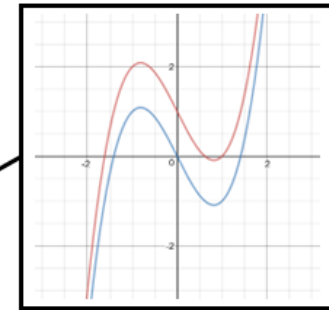
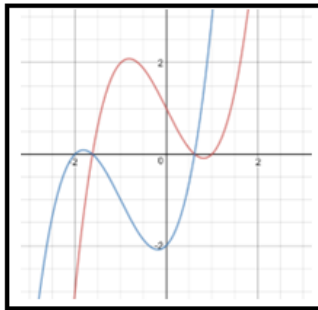


$$f(x + 2)$$



*$f(x)$ is in the centre; there
is a transformation on
each leg.*

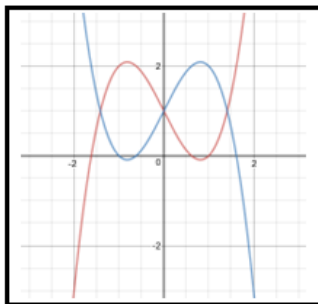
Transforming Functions Spider 2



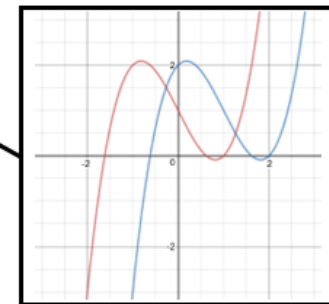
$$f(x - 2)$$



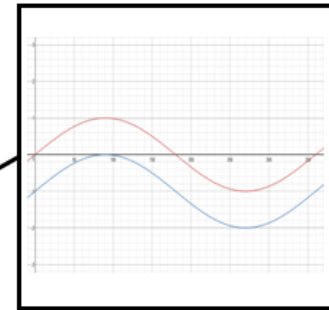
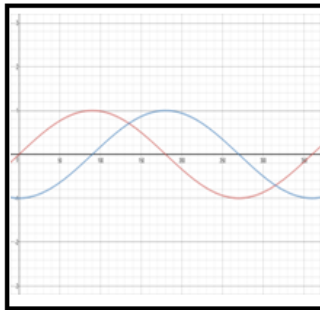
$$-f(x)$$



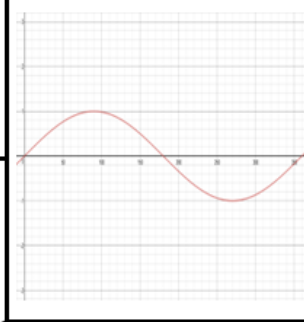
*$f(x)$ is in the centre; there
is a transformation on
each leg.*



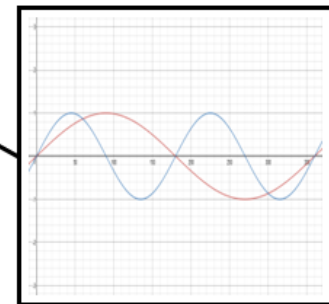
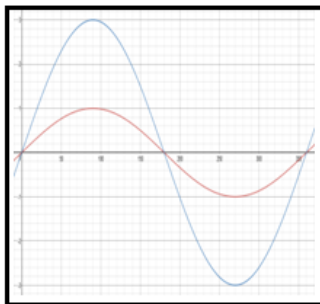
Transforming Functions Spider 3



$$y = 2 + \sin x$$

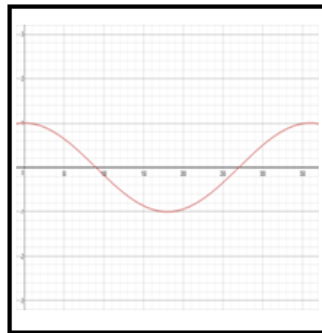
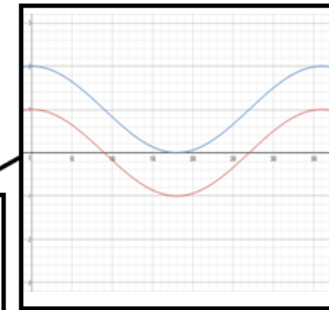
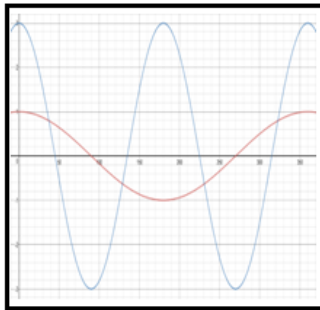


$$y = 2 \sin x$$

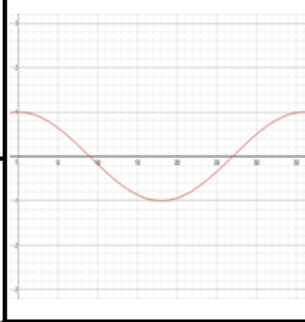


The description of each transformation of $y = \sin x$ from $0^\circ \leq x \leq 360^\circ$ is on each leg.

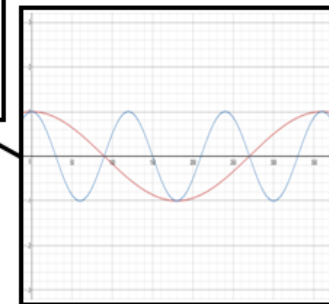
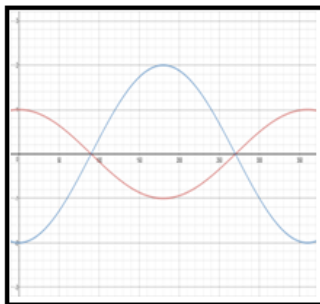
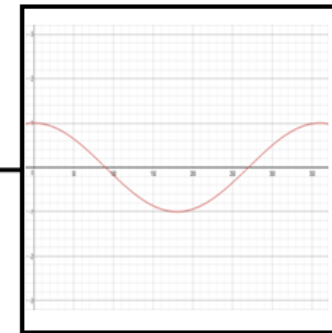
Transforming Functions Spider 4



$$y = \cos(x - 90^\circ)$$



$$y = -\cos x$$



The description of each transformation of $y = \cos x$ from $0^\circ \leq x \leq 360^\circ$ is on each leg.