

y describe, graph, find period & amplitude
of $f(x) = 3 \sin\left(\frac{1}{2}x\right)$

horizontally expanded
vertically expanded

$$\text{Amp} = 3$$

$$\text{Per} = \frac{2\pi}{\frac{1}{2}} = 4\pi$$

$$\text{CPS} = \frac{4\pi}{4} = \pi$$

