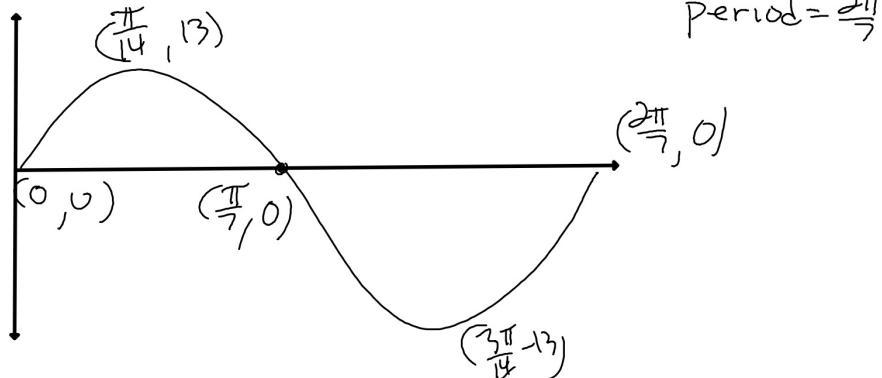


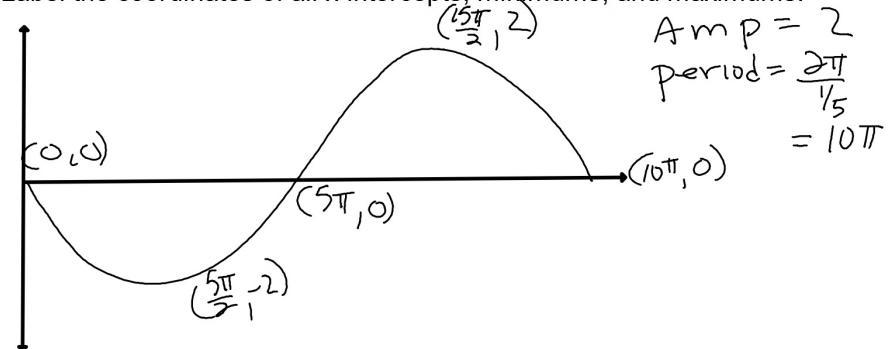
Sketch one period of the graph of $y=13\sin 7x$

Label the coordinates of all x-intercepts, minimums, and maximums.

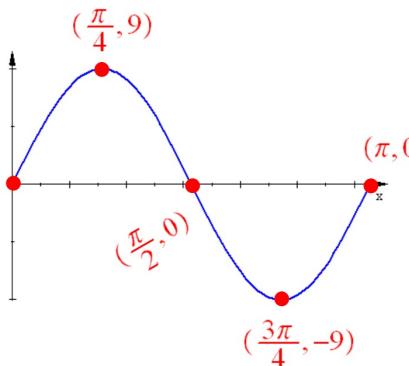


Sketch one period of the graph of $y= -2\sin(x/5)$

Label the coordinates of all x-intercepts, minimums, and maximums.

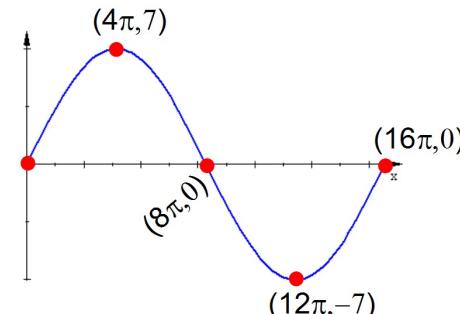


Find the period and amplitude then write the equation of this Sine function in the form: $y = a\sin bx$



$$\begin{aligned} \text{Amp} &= 9 \\ \text{Period} &= \frac{2\pi}{b} \\ b &= \frac{2\pi}{\text{Period}} \\ y &= 9 \sin 2x \end{aligned}$$

Find the period and amplitude then write the equation of this Sine function in the form: $y = a\sin bx$



$$\begin{aligned} \text{Amp} &= 7 \\ \text{Period} &= 16\pi \\ a &= 7 \\ b &= \frac{2\pi}{16\pi} = \frac{1}{8} \\ y &= 7 \sin(\frac{1}{8}x) \text{ or } y = 7 \sin \frac{x}{8} \end{aligned}$$