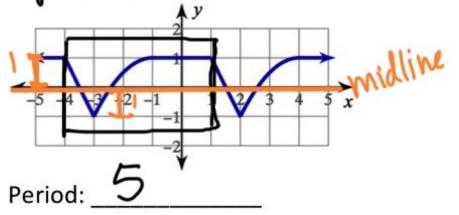
10.3 Sine and Cosine Graphs

Periodic Functions: A function is periodic if t	((opy * paste) he function EXACTLY repeats itself.
The PERIOD is how long it takes for the func	
The MIDLINE is a horizontal	line that cuts the graph in half $(y = -)$
The AMPLITUDE is the distance from the mid	dline to the Maximum or

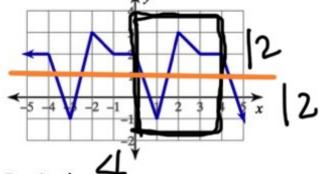
A. Periodic



Amplitude: ________

В.

Periodic

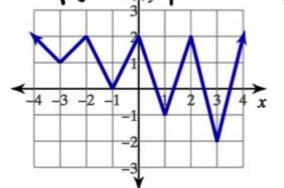


Period: 4

Amplitude: _____

C.

Not, periodic

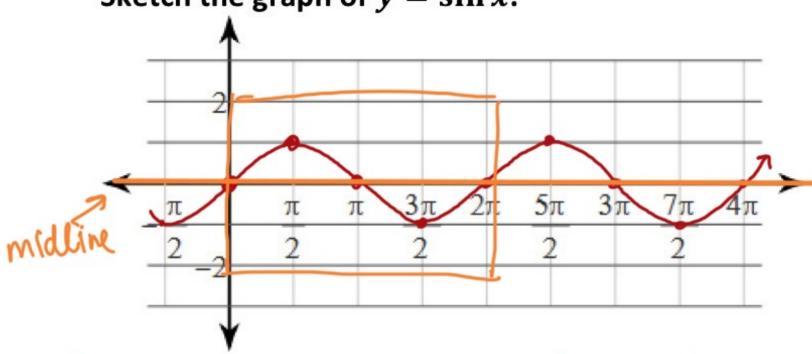


Period: _____

Amplitude: _____

Pattern = periodic

Sketch the graph of $y = \sin x$.

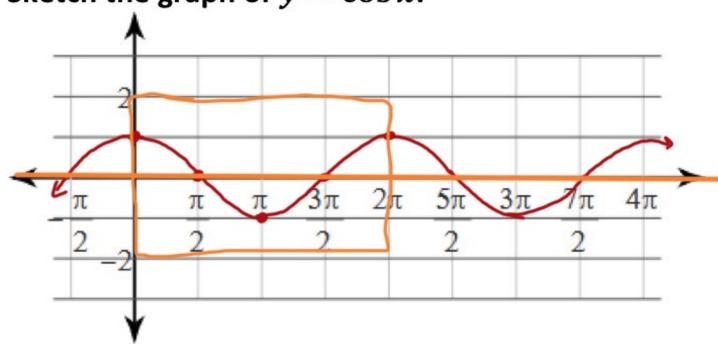


	٠,	TI	
Period: _	1	-lL	

Midline:
$$\sqrt{=0}$$

y Range:
$$(-\infty, \infty)$$

Sketch the graph of $y = \cos x$.



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416

Midline:
$$V = O$$

y-intercept:
$$(0/1)$$