Name: _____Code from Greensheet Take Home Quiz: (month * day * year of birth)

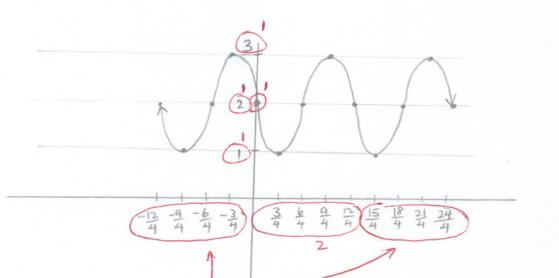
THIS IS A NO CALCULATOR QUIZ

[10 POINTS] Sketch the graph of the function $y = 2 - \sin \frac{2\pi x}{3}$.

Include two full periods, and label all x- and y-coordinates discussed in class.

$$MAX = 2 + 1 = 3$$

 $MIN = 2 - 1 = 1$



15/4 50/4 214 7

EITHER SET OF

2 PERIODS WITH

THIS IS A NO CALCULATOR QUIZ

[10 POINTS] Sketch the graph of the function $y = \frac{2}{3} \cos\left(\frac{x}{2} - \frac{\pi}{4}\right)$.

Include two full periods, and label all x- and y-coordinates discussed in class.

MIDDLE
$$y=0$$

AMPLITUDE $|\vec{3}| = \vec{3}$

MAX = $0+\vec{3}=\vec{3}$

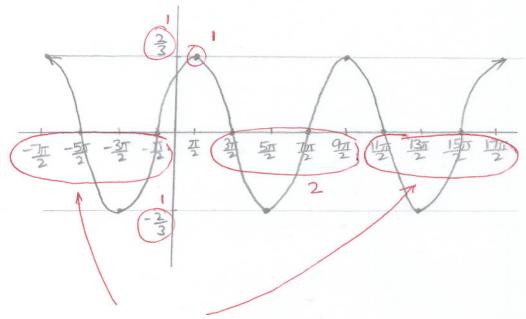
MIN = $0-\vec{3}=-\vec{3}$

PERIOD $|\vec{2}| = 2\pi$. $2+\pi$

"STARTS" AT $-(-\frac{\pi}{4}) = \frac{\pi}{2}$
 $|\vec{4}| = \frac{\pi}{4}$. $|\vec{4}| = \pi$

START + $|\vec{4}| = \pi$

START + $|\vec{4}| = \pi$
 $|\vec{4}| = \pi$



95/2 15/2 13/2 15/2 15/2

EITHER SET OF 4 LABELS = 1 POINT

2 PERIODS WITH CORRECT SHAPE = 1 POINT MIDDLE OF GRAPH ALDNG X-AXIS = 1 POINT