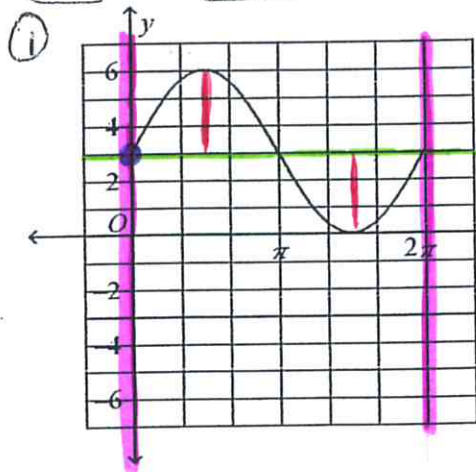


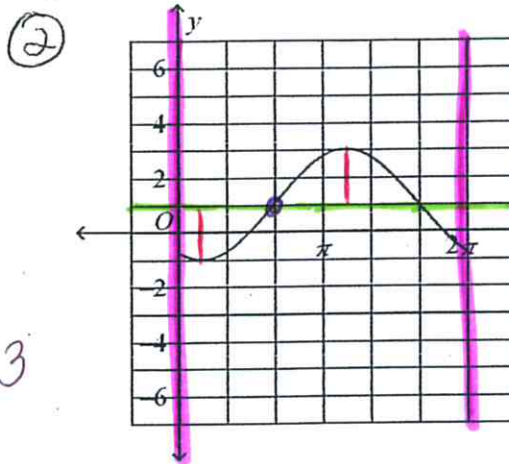
13.7 Notes

Write sine equations for 1-2

Notes Day 2

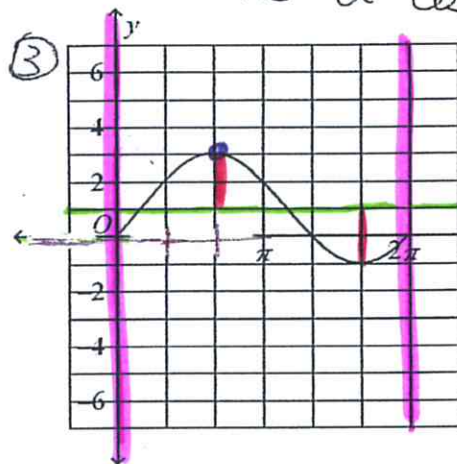


$a=3$
 $b=1$
 $k=3$
 $h=0$
 $y=3\sin x+3$

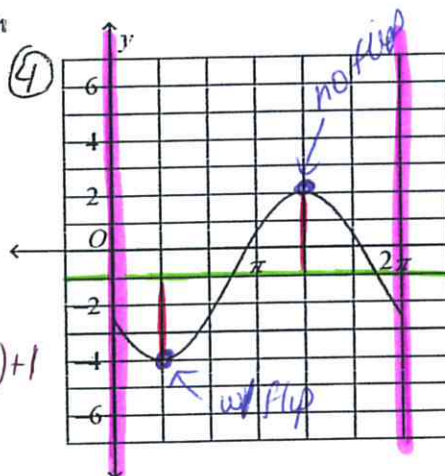


$a=2$
 $b=1$
 $k=1$
 $h=2\pi/3$
 $y=2\sin(x-2\pi/3)+1$

Write a cosine equation

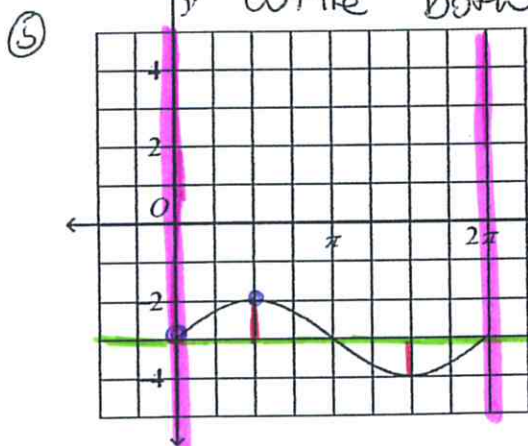


$a=2$
 $b=1$
 $k=1$
 $h=2\pi/3$
 $y=2\cos(x-2\pi/3)+1$

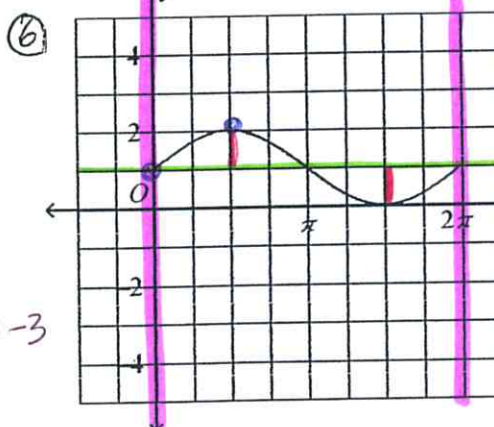


w/ flip
 $a=-3$
 $b=1$
 $k=-1$
 $h=\pi/3$
 $y=-3\cos(x-\pi/3)-1$
 no flip
 $a=3, b=1, k=-1$
 $h=4\pi/3$
 $y=3\cos(x-4\pi/3)-1$

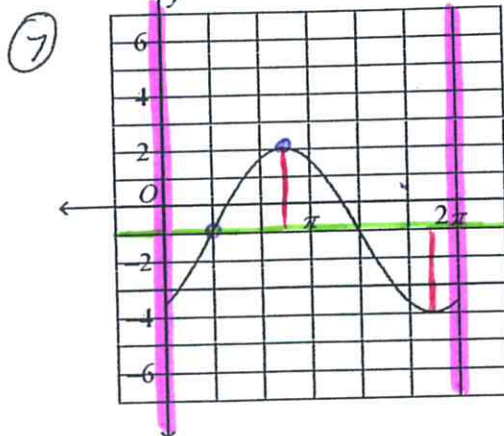
Write both 5-8



$a=1$ $b=1$
 $k=-3$
 $\sin h=0$
 $\cos h=\pi/2$
 $y=\sin x-3$
 $y=\cos(x-\pi/2)-3$

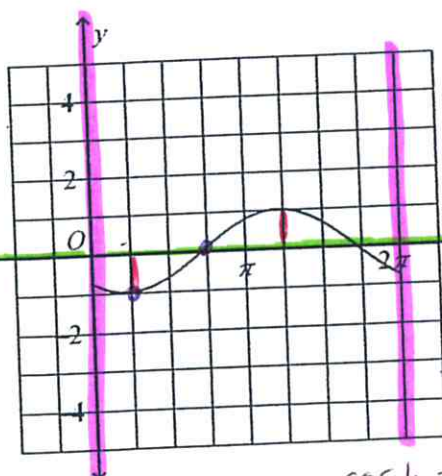


$a=1$ $b=1$ $k=1$
 $\sin h=0$ $\cos h=\pi/2$
 $y=\sin x+1$
 $y=\cos(x-\pi/2)+1$



$a=3$ $b=1$ $k=-1$
 $\sin h=\pi/3$
 $\cos h=5\pi/6$
 $y=3\sin(x-\pi/3)+1$
 $y=3\cos(x-5\pi/6)-1$

8



NO FLIP
 $a=1$ $b=1$ $k=0$
 $\sin h=3\pi/4$ $\cos h=5\pi/4$
 $y=\sin(x-3\pi/4)$
 $y=\cos(x-5\pi/4)$
 w/ FLIP
 $a=-1$ $b=1$ $k=0$
 $\cos h=\pi/4$
 $y=-\cos(x-\pi/4)$