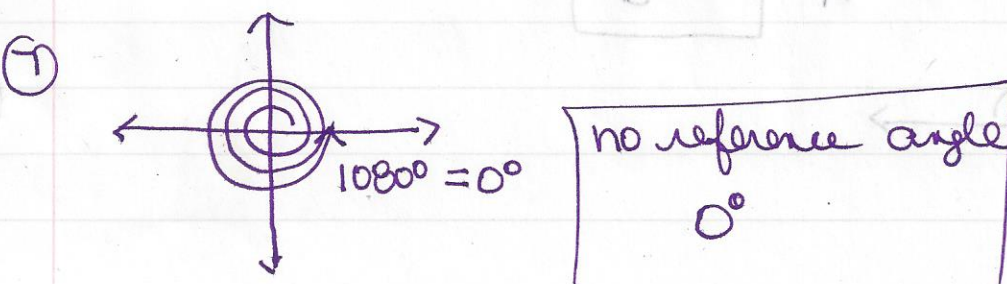
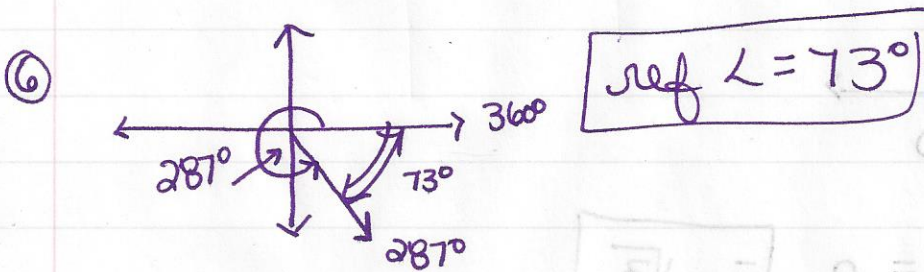
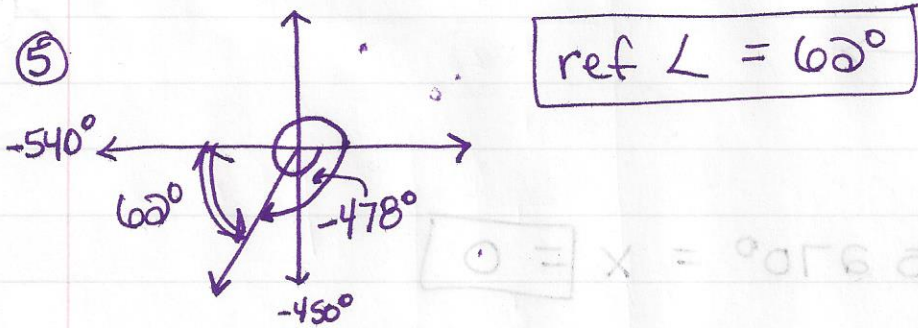


① $80^\circ \cdot \frac{\pi}{180^\circ} = \boxed{\frac{4\pi}{9}}$ $x = 0.091200 = \pi \cos 80^\circ$ ⑧

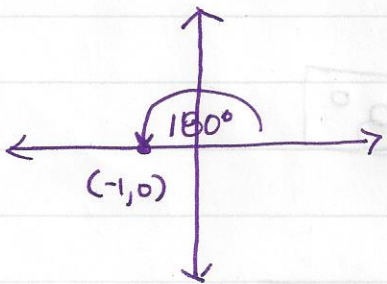
② $\frac{3\pi}{5} \cdot \frac{180^\circ}{\pi} = 36^\circ(3) = \boxed{108^\circ}$

③ $-\frac{5}{6}\pi = -150^\circ$ $-150^\circ + 360^\circ = \boxed{210^\circ}$

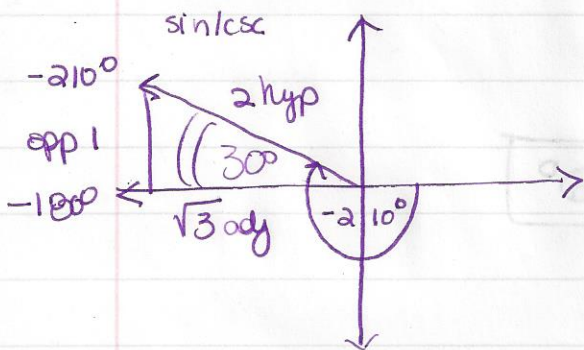
④ $-150^\circ \Rightarrow \boxed{210^\circ}$



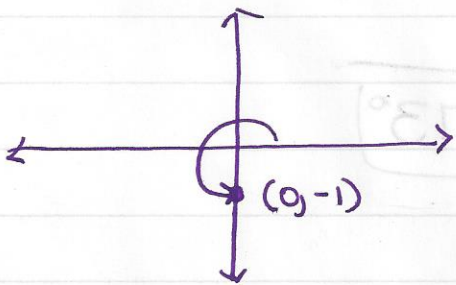
$$\textcircled{8} \cos \pi = \cos 180^\circ = x = \boxed{-1} = \frac{\pi \cdot 0.8}{180} \quad \textcircled{1}$$



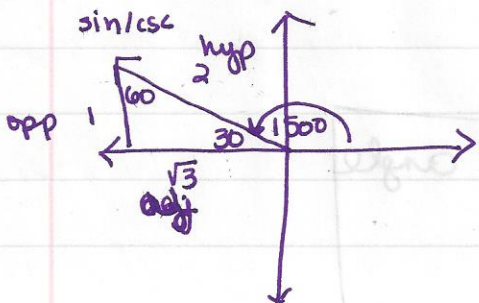
$$\textcircled{9} \sin -\frac{7\pi}{6} = \sin -210^\circ = \frac{o}{h} = \boxed{\frac{1}{2}}$$



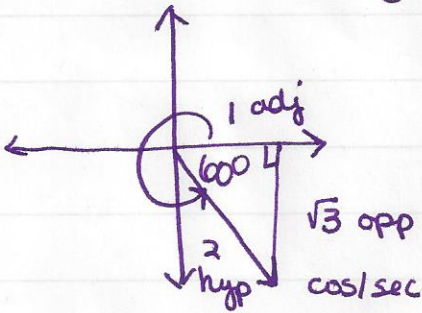
$$\textcircled{10} \cos \frac{3\pi}{2} = \cos 270^\circ = x = \boxed{0}$$



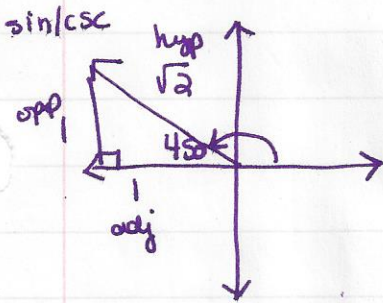
$$\textcircled{11} \cos 150^\circ = \frac{a}{h} = \boxed{-\frac{\sqrt{3}}{2}}$$



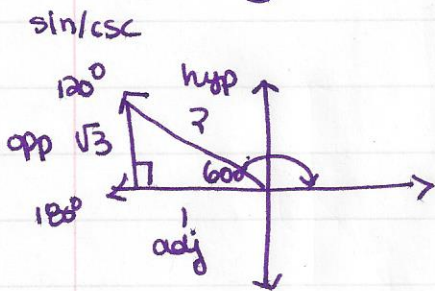
$$\textcircled{12} \cot 300^\circ = \frac{a}{o} = \frac{1}{\sqrt{3}} = \boxed{-\frac{\sqrt{3}}{3}}$$



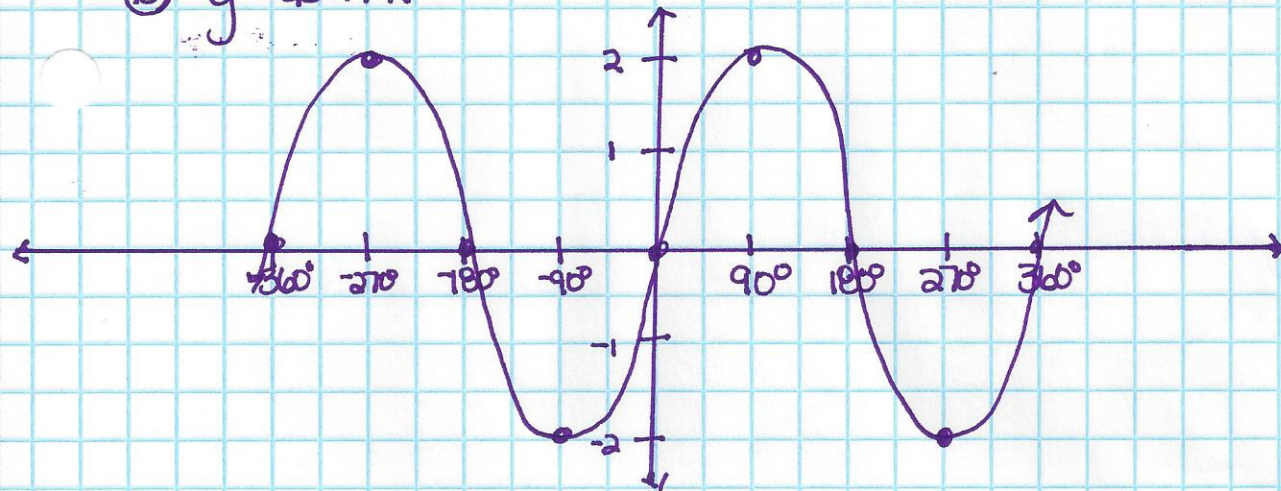
$$\textcircled{13} \tan 135^\circ = \frac{o}{a} = \frac{1}{1} = \boxed{-1}$$



$$\textcircled{14} \sec \frac{2\pi}{3} = \sec 120^\circ = \frac{h}{a} = \frac{2}{1} = \boxed{-2}$$

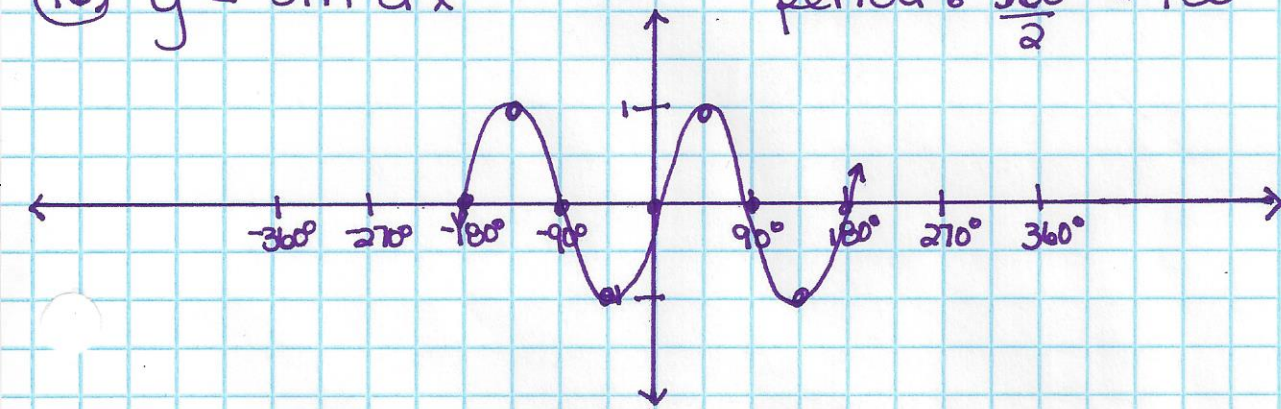


⑮ $y = 2\sin x$



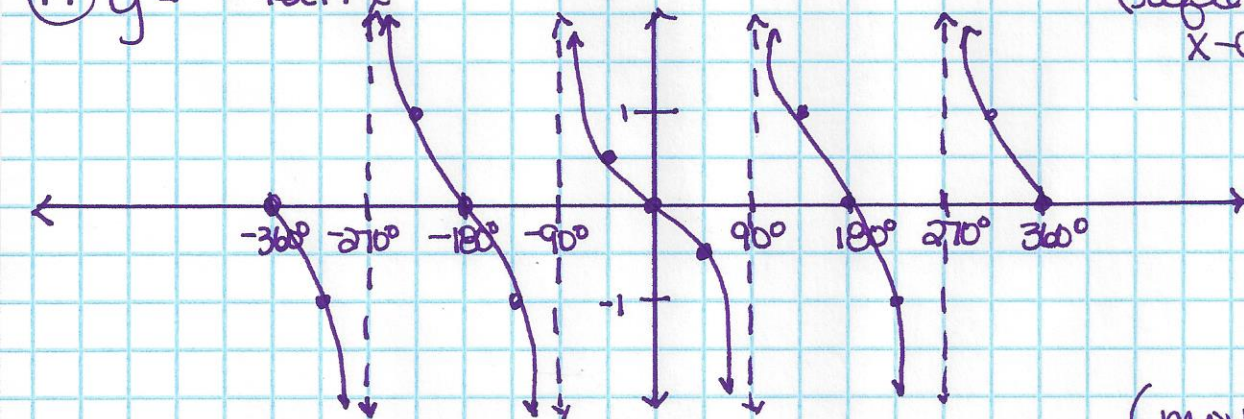
⑯ $y = \sin 2x$

period: $\frac{360^\circ}{2} = 180^\circ$



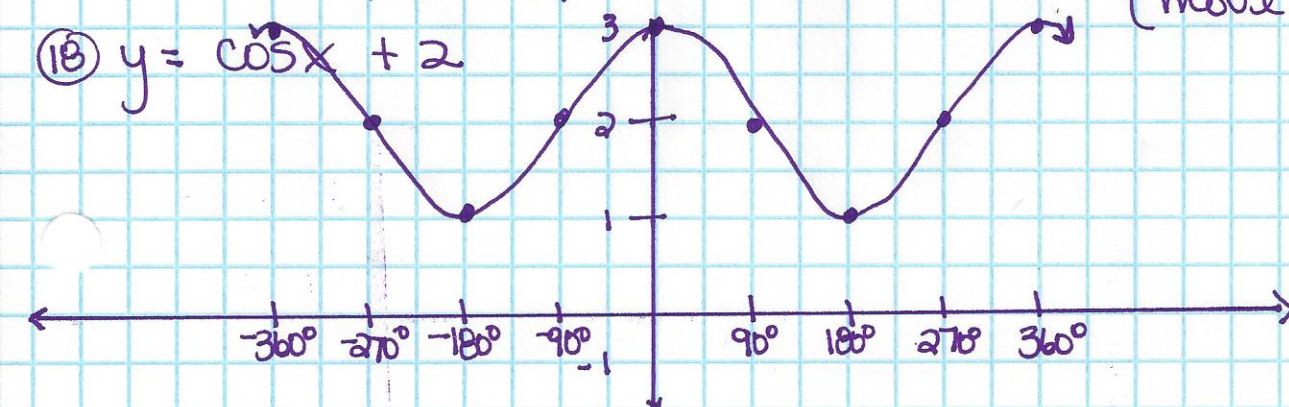
⑰ $y = -\tan x$

(reflect over x-axis)

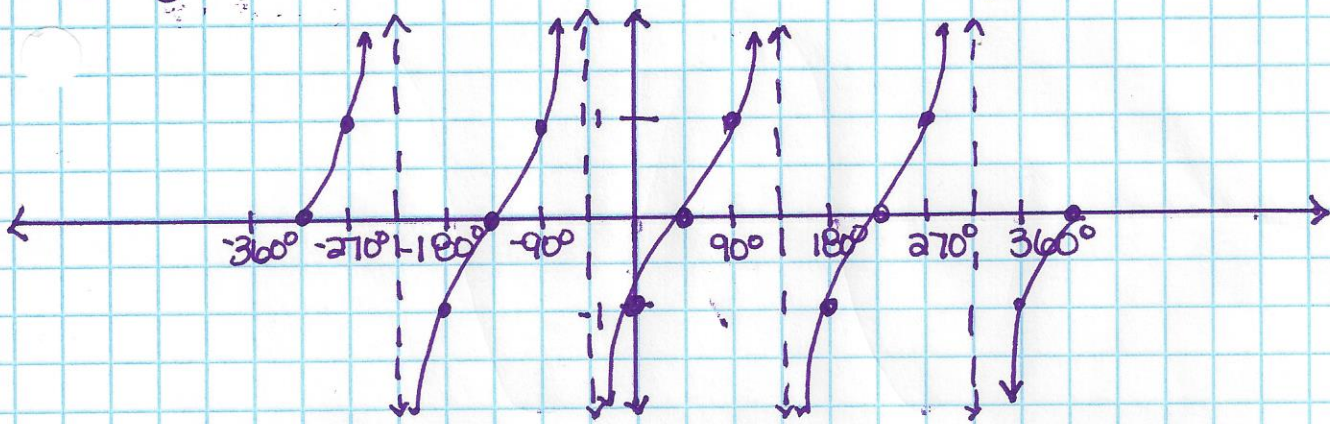


⑱ $y = \cos x + 2$

(move up 2)



(19) $y = \tan(x - 45^\circ)$ (45° right)



(20) $y = -3 \sin(2x + 90^\circ) - 3$
 (reflect over x, stretch * 3, period = 180°, phase = 45° left, down 3)

