Useful Trigonometry Facts

* amplitude = $\frac{M-m}{2}$
* vertical displacement = $\frac{M+m}{2}$
* period = $\frac{2π}{b}$ for y = sin *bx* and y = cos *bx*
* period = $\frac{π}{b}$ for y = tan *bx*
* a=rѳ
*  = 180˚ $ $

 1

 $\frac{1}{2}$

 $\frac{\sqrt{3}}{2}$

 1 $\frac{1}{\sqrt{2}}$ = $\frac{\sqrt{2}}{2}$

 $\frac{1}{\sqrt{2}}$ = $\frac{\sqrt{2}}{2}$