GRAPHING TRIG FUNCTIONS

Periodic functions - repeat on regular intervals

amplitude-

period-

* Characteristics of trig graphs

* Graphs of Sinx + cos x

* Amplitude * period Changes

SIN X starts on axis + moves upward. Cos X starts at a peak + moves downward.

$$y = \sin x$$
 $y = \sin(2x)$ 要 T amp |a|
 $y = \sin(2x)$ 要 T period 是
 $y = \sin(4x)$ 平 $y = \sin(4x)$ 2 中 $y = \sin(4x)$ 3 中 $y = \sin(4x)$ 4 中 y

$$y = a \sin(bx + c) d$$

amp |a|
period $\frac{2\pi}{b}$







