Trigonometry Wave Properties

Standard Equation: ***y = A sin(B(x - C)) + D***

FUNCTION	AMPLITUDE (|A|)	PERIOD (2Ï€/B)	PHASE SHIFT (C)
y = sin(x)	1	2Ï€	0
y = 3 cos(2x)	3	Ï€	0
y = 0.5 sin(4x - Ï€)	0.5	Ï€/2	Ï€/4
y = -2 cos(x + Ï€/2)	2	2Ï€	-Ï€/2

[Printable Graph Area: Amplitude vs. Time/Angle]