N	a	n	٦e	ב	•
1 1	a		11	-	•

Graphing Trig Functions Practice

DIRECTIONS: Sketch a graph of one cycle of the following function. Be careful... some of the functions are cosine like we learned today, but some are sine. Remember, the processes are *very* similar!

1) $y = cos\theta$	$2) y = 2\cos\pi\theta$
	-,, 200000
$3) y = 5sin\theta$	4) $y = \sin 2\pi\theta$
5) $v = cos\left(\frac{\theta}{2}\right)$	6) $y = 7sin3\theta$

SLOT - Probability Practice

DIRECTIONS: Use the two-way table to determine the following probabilities. Report your answer as both a fraction, in lowest terms, and a percent, rounded to the *tenths* place.

	VHS	DVDs	TOTAL
Drama	43	16	59
Comedy	12	5	17
Sport	21	3	24
TOTAL	76	24	100

1) Debbie counts the videos and DVDs she has and places them into categories.

- a) Find the probability of randomly selecting a comedy movie.
- b) Find the probability of randomly selecting a sport movie that is a DVD.
- c) Find the probability of randomly selecting a VHS, given that it is a drama.
- d) Find the probability of randomly selecting a sport movie, given that it is a VHS.
- e) Find the probability of randomly selecting a VHS that is a comedy.
- f) Find the probability of randomly selecting a drama, given that it is a VHS.