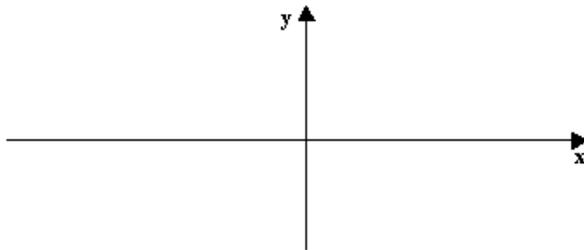


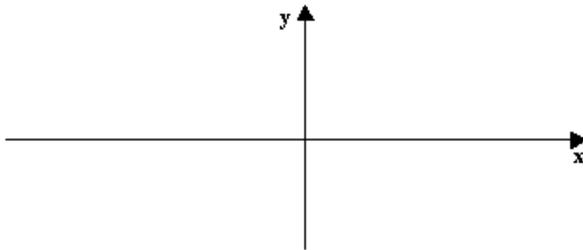
TRIG GRAPHS

1. On the set of axes below sketch the following trig graphs:
 $y = \sin x$ $y = 2\sin x$ $y = \frac{1}{2}\sin x$



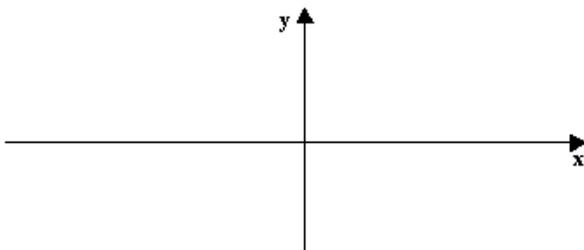
Write, in your own words, the effect a coefficient in front of sin has on the graph.

2. On the set of axes below sketch the following trig graphs:
 $y = \cos x$ $y = \cos 2x$ $y = \cos(x/2)$



Write, in your own words, the effect a coefficient in front of x has on the graph.

3. On the set of axes below sketch the following trig graphs:
 $y = \cos x$ $y = \cos x + 2$ $y = \cos x - 1$



Write, in your own words, the effect a number added or subtracted from the function.