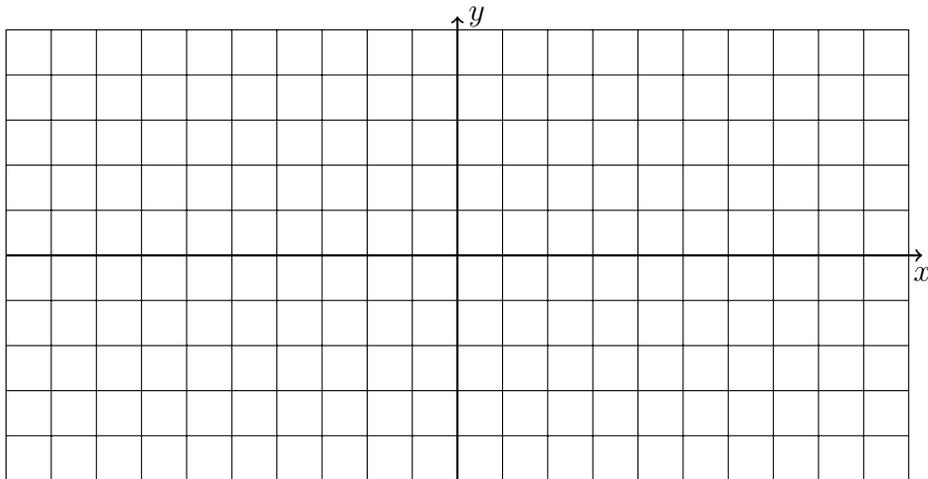


- (1) Write $\cos(t)$ in terms of $\sin(t)$ in Quadrant III.
- (2) Write $\tan(t)$ in terms of $\cos(t)$ in Quadrant IV.
- (3) If $\cos(t) = \frac{4}{5}$ and t is in Quadrant III, find the values of the other trig functions at t .
- (4) Is $f(x) = x \sin^3(x)$ even, odd, or neither?
- (5) Draw careful graphs of $y = \sin(x)$ and $y = 3 \sin(2x + \pi)$.



- (6) Find the amplitude, frequency and phase shift for $y = -3 \cos(2x + \pi/4)$, and draw a careful graph of the function.

