You will have at least 15 minutes to complete the quiz. No calculators are allowed.

1. [2 pts each] Decide if the following functions are even, odd, or neither.

   (a) $f(x) = (x^3 - x)^5$

   (b) $g(x) = e^{x^2}$

   (c) $r(t) = t^5 + 1$

   (d) $c(t) = e^{3t} + e^{-3t}$

2. [2 pts each] Suppose $(2, 9)$ is a point on the graph of $f(x)$.

   (a) Find a point on the graph of $f(x - 2)$.

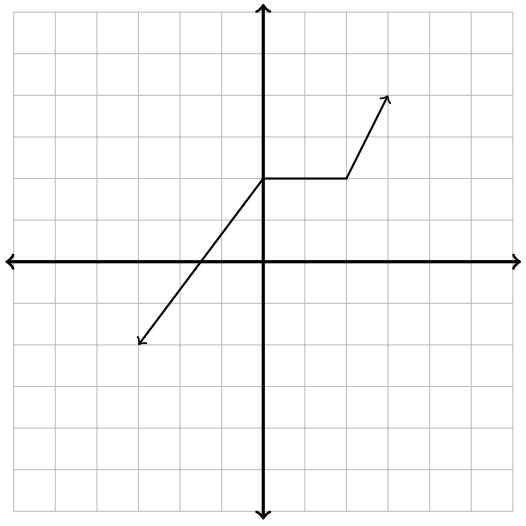
   (b) Find a point on the graph of $\frac{2}{3}f(x)$.

   (c) Find a point on the graph of $-f(x)$.

   (d) Find a point on the graph of $f(\frac{2}{3}x)$

3. [2 pts each] Given below is the graph of $f(x)$.

   (a) Draw the graph of $2f(x)$.



   (b) Draw the graph of $f(2x)$.