

Quick Hit 1

1. If $p(x)$ is the parent function, describe the following transformations that you would apply to the graph of $p(x)$ if you wanted to graph...

(a) $\dots 3p(x)$

(b) $\dots p(3x)$

(c) $\dots p(x) - 2$

(d) $\dots p(x - 2)$

2. Sketch a graph of $f(x) = (x - 1)^2 - 3$ on the axes below. Is $f(x)$ even? Odd? Neither? Both?

