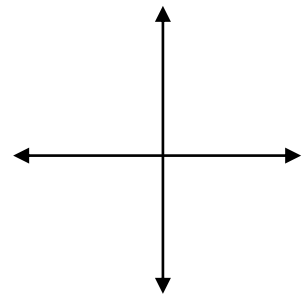
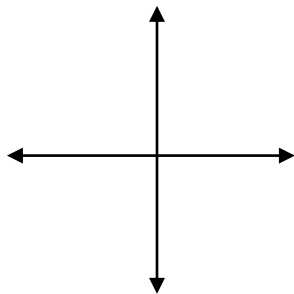
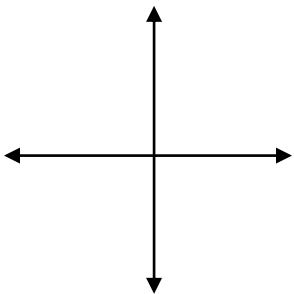
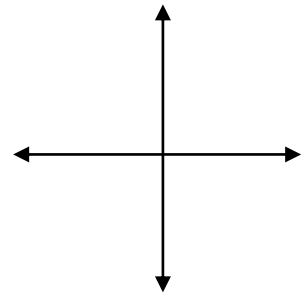
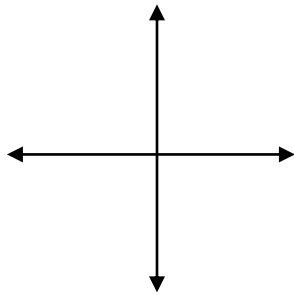
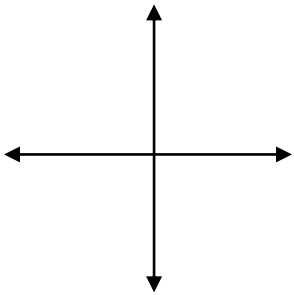
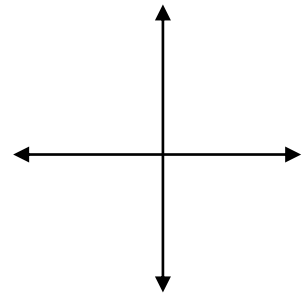
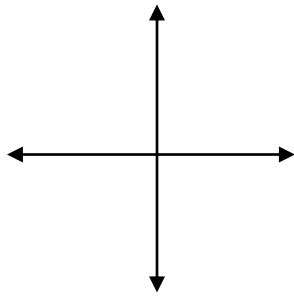
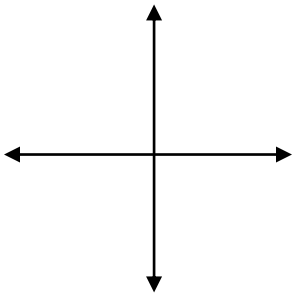
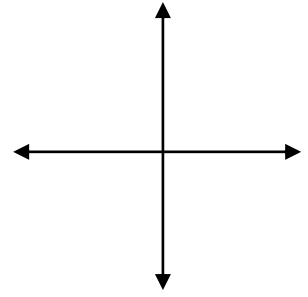
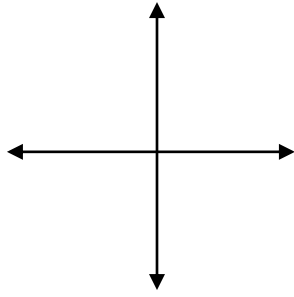
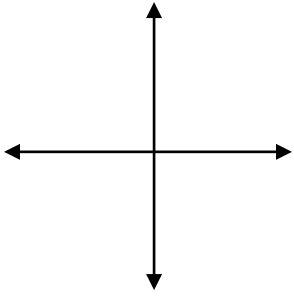


DATE: _____

Parent Functions

Draw a sketch of each of the parent functions below:



Identify the name or equation of the parent function(s) that meet each condition:

a) Domain: $(-\infty, \infty)$	b) Range: $[0, \infty)$
c) Range: $(-\infty, \infty)$	d) Bounded above
e) Bounded below	f) Not Bounded
g) Continuous	h) Not continuous
i) Decreasing on $(-\infty, 0)$	j) Always increasing
k) End Behavior: $\lim_{x \rightarrow -\infty} f(x) = \infty$ $\lim_{x \rightarrow \infty} f(x) = \infty$	l) End Behavior: $\lim_{x \rightarrow -\infty} f(x) = 0$ $\lim_{x \rightarrow \infty} f(x) = \infty$
m) Vertical Asymptote at $x = 0$	n) No Horizontal Asymptote
o) Odd function	p) Neither even nor odd function