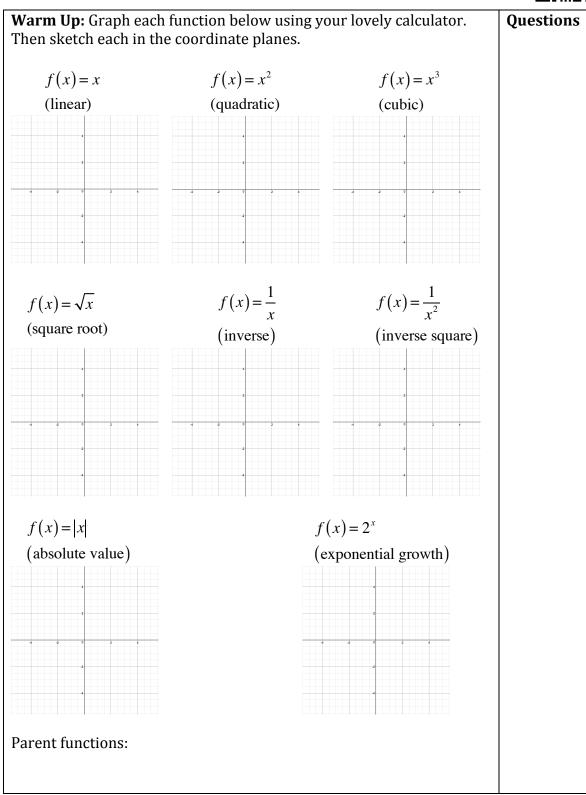
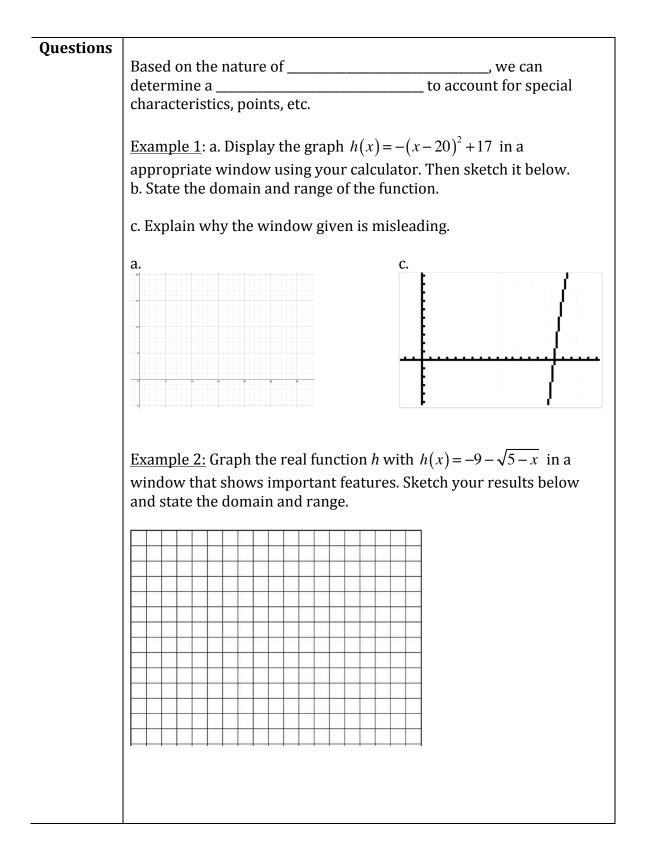
Goal: Become familiar with parent functions and their graphs, especially in regards to technology.





A#1



When functions are used to may be different (a subset)	model real-world situations, the domain of the model domain.	Question
point of release, 6 ft in the a	ee throw in basketball practice. From its ir, the ball goes directly into the hoop t high. An equation modeling the height	
	the x in seconds is $b(x) = -13x^2 + 19.5x + 6$.	
a. Create a graph that sketch, label the impb. What is the domain	yould be helpful in this context. In the ortant aspects of the ball's trajectory. nd range of <i>b</i> within the context of this	
situation?		
Asymptotes		
and y-axes as asymptotes. A generally marked on the gr	and have the <i>x</i> - symptotes that are not one of the axes are ph as a, which are p explain the of	
ine function.		
$y = \frac{1}{x}$	$y = \frac{1}{x - 5}$	
5		

3