Holy shift! Look at the asymptote on that mother function!

Functions: Episode III

By the end of this lesson, I will be able to answer the following questions...

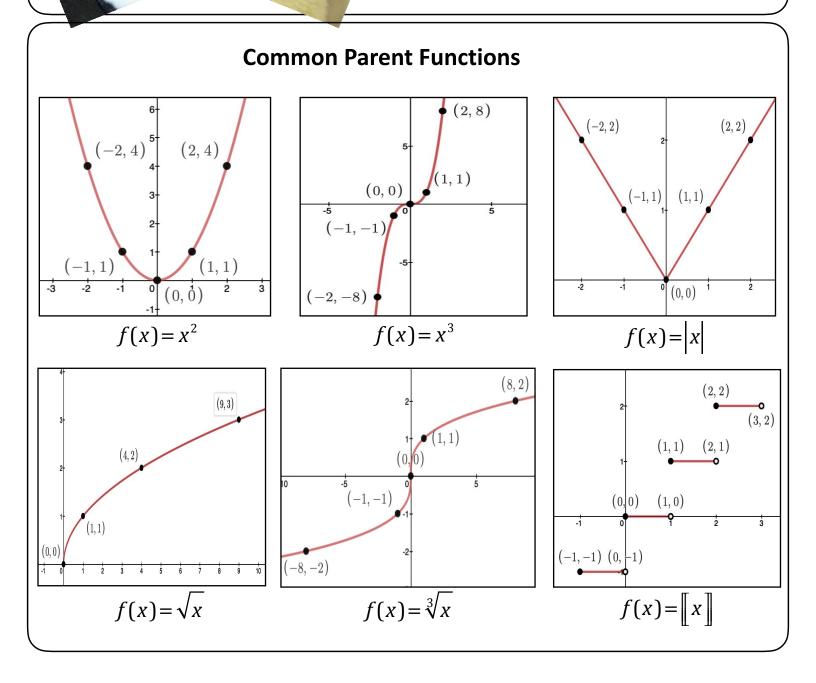
1.What is a parent function?

2. What is the algorithm for *changing* the graph of a parent function?

Vocabulary

1. **Parent Function:** A set of basic functions used as building blocks for more complicated functions.

2. Graphical Transformations: Any movement of a graph based on a SHIFT, STRETCH, ROTATION or REFLECTION - (Usually from a parent function.)



Graphing Using Parent-Multiplier-Shift Method

