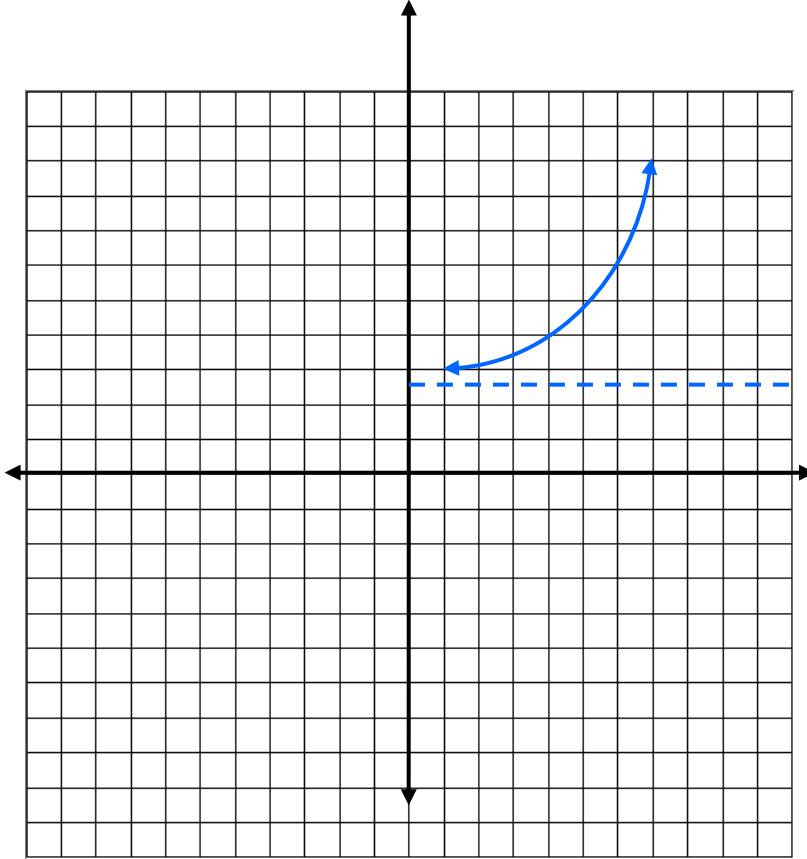


Name _____

Date _____

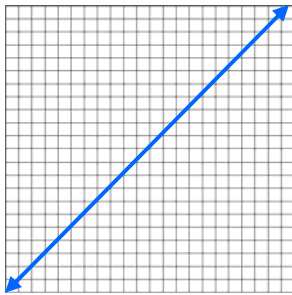
Comparing Linear and Exponential Functions - Step-by-Step Lesson

What type of function does this graph show?

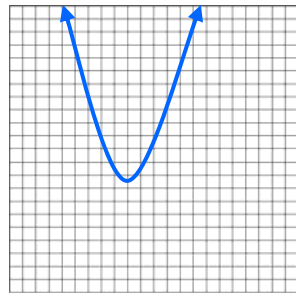


Explanation:

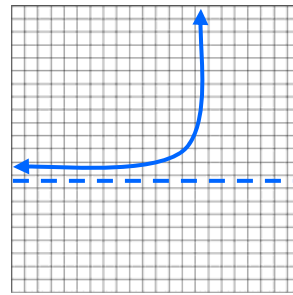
We want to know about three types of functions- linear, quadratic and exponential.



Linear



Quadratic



Exponential



Name _____

Date _____

The graph of a linear function is a straight line. The given graph is curved, so it is not linear.

The graph of a quadratic function is a parabola that opens up or down. The given graph does not approach a parabola that opens downwards, so it is not quadratic.

The graph of an exponential function has one horizontal asymptote. The given graph shows a horizontal asymptote, so it is exponential.

The given graph shows a exponential function.

