

Adventures in STEM

Gravity in Motion

Name: _____

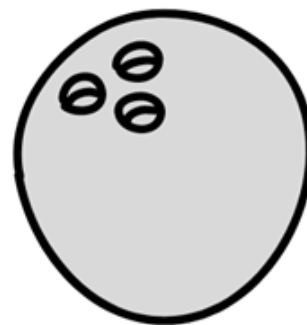
Date: _____

Match the Term with the Definition

Gravity	Moving from one place to another
Mass	A special kind of force that pulls objects toward the Earth
Slope	What causes objects to change directions
Motion	How much matter is in an object
Force	The angle formed by the starting point and the ending point of a cable

Mass

Circle the object that has more mass.



Which one would go faster on a zipline?

Slope

Draw a line between the two trees without a slope.



Now draw a line between the two trees with a big slope.



Which would make a better zipline and why?