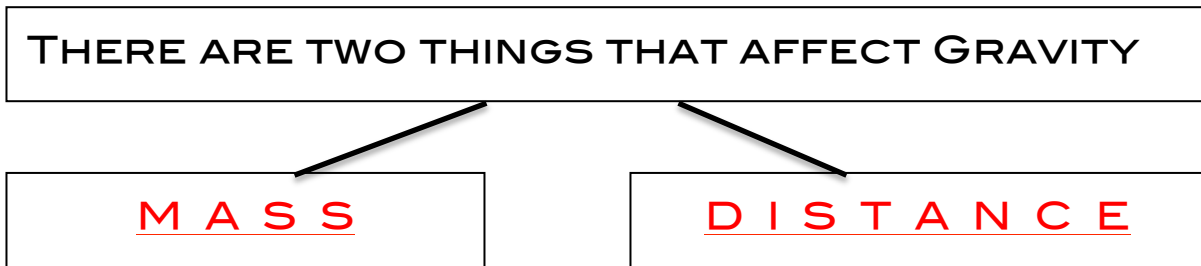


Gravity

#	TERM	DEFINITION
1	GRAVITY	An attractive FORCE that PULLS objects toward each other. Everything has gravity!!!!
2	FRICTION	A FORCE that acts between surfaces that TOUCH each other and tend to SLOW an objects motion
3	AIR RESISTANCE	FRICTION between a MOVING object and AIR PARTICLES that act AGAINST gravity and SLOW a moving object
4	MASS	The AMOUNT of MATTER in an object



MASS		DISTANCE	
As MASS...	GRAVITY...	As DISTANCE...	GRAVITY...
Increases ↑	Increases	Increases ↑	Decreases
Decreases ↓	Decreases	Decreases ↓	Increases

Another way to say it is...

“As **MASS** ↑, Gravity ___↑___.” “As **MASS** ↓, Gravity ___↓___.”

☛ Which means as one **INCREASES**, the other **INCREASES**.

★ Mass & Gravity have a **DIRECT** relationship.

And...

“As **DISTANCE** ↑, Gravity ___↓___.” “As **DISTANCE** ↓, Gravity ___↑___.”

☛ Which means as one **INCREASES**, the other **DECREASES**.

★ Distance & Gravity have an **INDIRECT/OPPOSITE** relationship.

Consider this analogy:

Superman : the Joker :: Gravity : _____FRICTION_____.

Two things act on falling objects. **GRAVITY** and **FRICTION**.

Gravity creates movement, while friction **S L O W S** movement.

When friction act against air particles and act against gravity, this is called **A I R R E S I S T A N C E**.