



NEUTONIS IST IAW OF

SPIN THE GEARS

Can you find the gears which won't turn?
Decide whether the following are true or false.

Inertia is when an object resists a change in motion. This resistance often occurs in the opposite direction of motion.



True or False? Explain.

True or False? Explain.



If an object is already in motion, it is likely that the motion can change without any input from outside forces.

Friction opposes movement of objects on surfaces. Smooth surfaces often slow objects down.



True or False? Explain.

True or False? Explain.



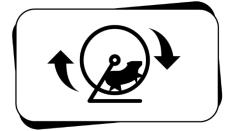


The force of **gravity** pulls objects towards the centre of the Earth. Everyone knows what goes up, must come down.

© KNOW BY SIGHT

Can you identify anomalies?

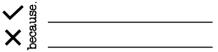
Cross out the following non-examples or incorrect ideas.

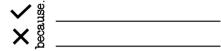






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PUZZLE IT OUT

Can you match each puzzle piece?

Connect the terms to the definitions. Watch out! One is missing!

‡	Inertia	Α	1	A push or pull acted upon an object.	‡
#	Friction	В	2		
‡	Force	С	3	Surface resistance to relative motion.	<u></u>
#	1st Law	D	4	A force of attraction between two masses.	
‡	Gravity	E	5	The resistance of change in motion.	‡