

Newton's

3rd Law

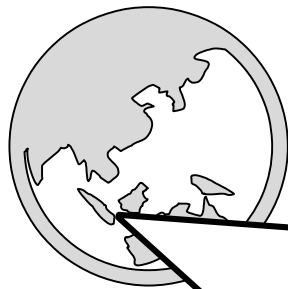


For every action force there exists an equal and opposite reaction force.



Identify the action and reaction forces involved when the Earth pulls a satellite towards it.

action:

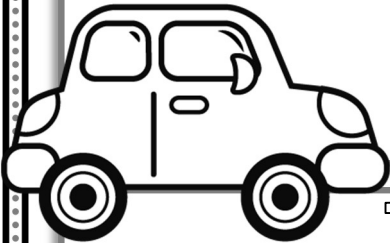


reaction:

An 80-kg hockey player checks a 65-kg hockey player on frictionless ice. Draw the FBD for both hockey players.

Forces
ALWAYS
come in
pairs!

Use The Law of Force Pairs to explain how a car accelerates.



TRUE OR FALSE:

When a bug hits a car's windshield it splats because the force of the car on the bug is greater than the force of the bug hitting the car.

