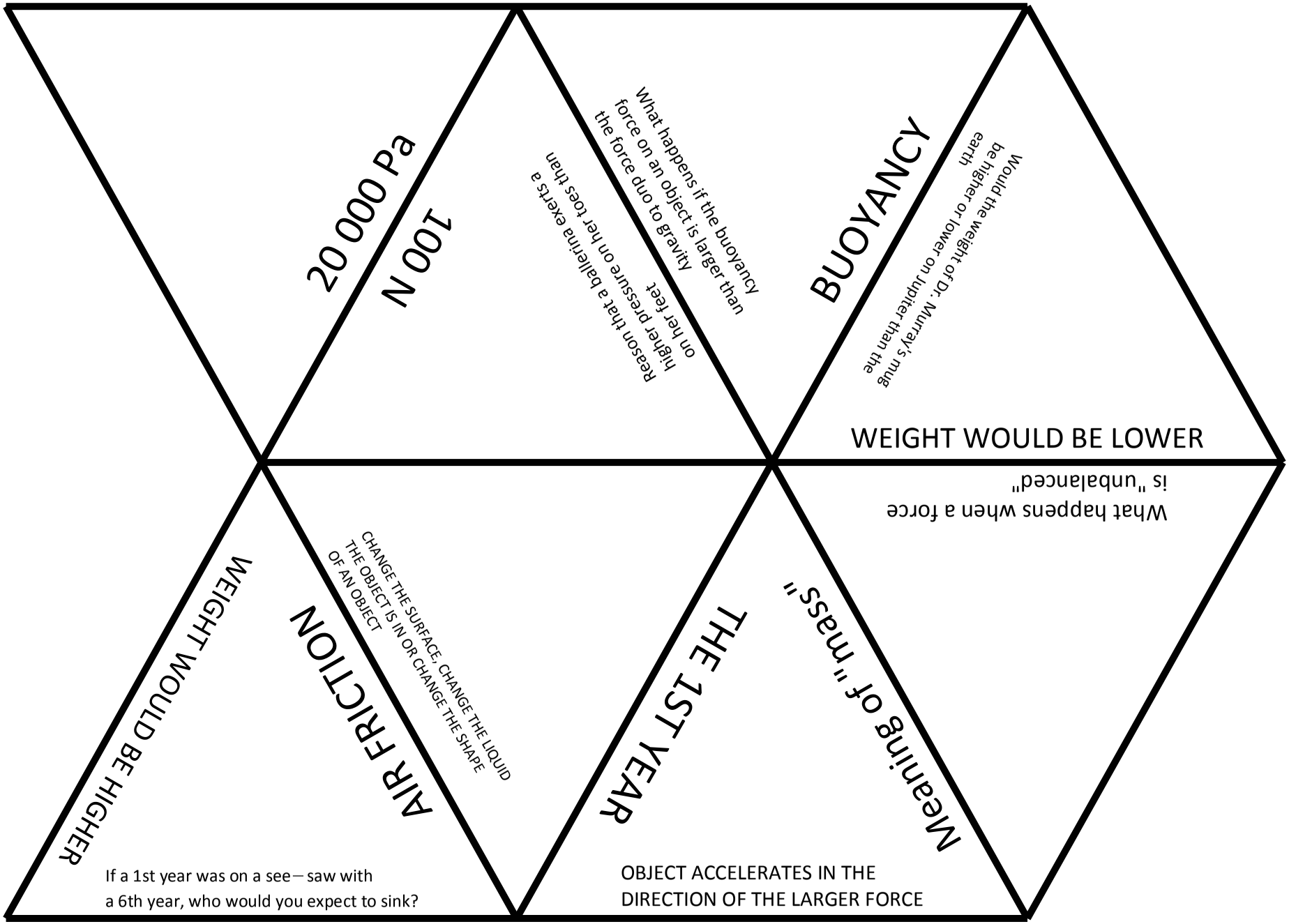
20 000 Pa
100 N
What happens if the buoyancy force on an object is larger than the force duo to gravity
Reason that a ballerina exerts a higher pressure on her toes than on her feet
BUOYANCY
Would the weight of Dr. Murray's mug be higher or lower on Jupiter than the earth
WEIGHT WOULD BE LOWER
What happens when a force is "unbalanced"
WEIGHT WOULD BE HIGHER
AIR FRICTION
CHANGE THE SURFACE, CHANGE THE LIQUID THE OBJECT IS IN OR CHANGE THE SHAPE OF AN OBJECT
THE 1ST YEAR
Meaning of "mass"
If a 1st year was on a see—saw with a 6th year, who would you expect to sink?
OBJECT ACCELERATES IN THE DIRECTION OF THE LARGER FORCE

DR. MURRAY

Meaning of "weight"

THE QUANTITY OF MATTER IN AN OBJECT

Definition of friction

Weight(N) = mass(kg) x 10

OBJECT WILL RISE TO THE SURFACE

Weight of a 10 kg object on earth

USE A LEVER

Winner of "Scotland's Best Looking Scientist" of all time

THE 6TH YEAR

THE AREA IS SMALLER SO THE PRESSURE IS HIGHER

A type of friction Dr. Murray doesn't like when riding his bike on the Fife coastal trail

Would the weight of Dr. Murray's mug be higher or lower on the moon than the earth

Pressure on the floor for a 10 N ballerina on a 0.0005m^2 area

THE FORCE DUE TO GRAVITY ON AN OBJECT

Way to make an object easier to lift

If a 1st year was on a see—saw with a 6th year, who would you expect to rise?

Equation to calculate the weight for an object onearth

A FORCE THAT OPPOSES THE DIRECTION AN OBJECT IS TRYING TO MOVE

Name of the upward force on an object in water

Ways to reduce the size of a force due to friction