

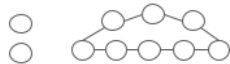
WORKSHEET PAGE 1 PART 1



This is an example of how Bernoulli's principle can act on a plane wing

In the first diagram, two air molecules are about to encounter a plane wing.

1. DRAW the next steps. Be sure to include the PRESSURE being exerted on the wings.
2. WRITE what is happening in each step.
3. Use what you've drawn and written to DESCRIBE this process to another student!

DRAWING	DESCRIPTION
FIRST...  AIR MOLECULES PLANE WING	
AND THEN...	
FINALLY...	Air molecules come back together, they no longer exert pressure on the wings.

WORKSHEET PAGE 1 PART 2



COLUMN A

COLUMN B

EX: Lift is greater than gravity

Thrust is greater than drag

Gravity is greater than lift



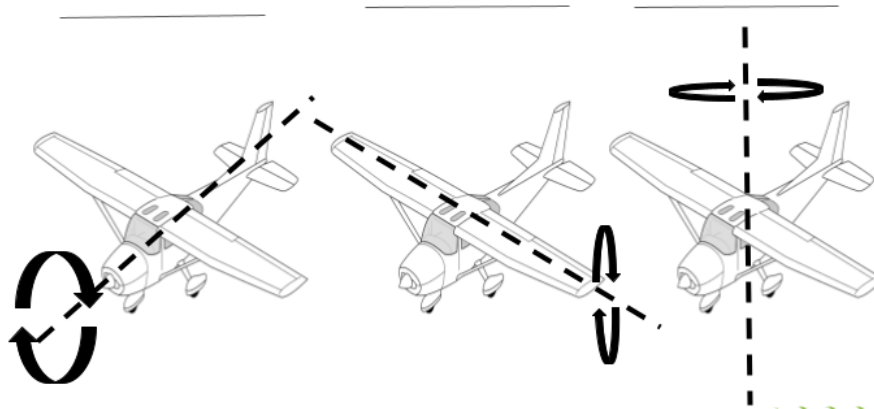
Fill in column A and B with the corresponding description or direction of motion.

The first one is an example.

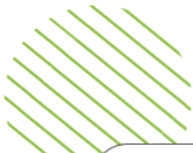
Explain to a friend your reasoning!



WORKSHEET PAGE 2 PART 1



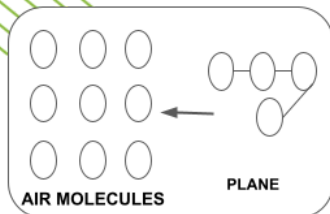
Label which control surface moves on which axis. Then circle/colour in that control surface on the plane.



WORKSHEET PAGE 2 PART 2

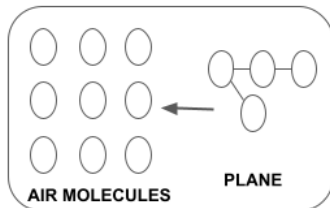


A.



Draw what will happen to each plane as they move through the air molecules?

B.



Which design reduces drag through streamline?