*Part 2- The Physics of Motion*- video questions

Bungee Jumping

Either draw a person bungee jumping or write down all of the forces during a bungee jump.

Who originated (not the modern) bungee jumping?

Bicycling

What changes the speed of a bicyclist (or anything?)

Label the forces involved while riding a bike

 

What is making the flag on the bike move?

Skydiving

When forces are balanced this means that the skydiver stops \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ has to be greater than gravity to slow the skydiver down.

Flight

What is the name of the counter force that keeps the plane from falling out of the sky? \_\_\_\_\_\_\_\_\_\_\_\_\_

Does the air on top of the wing travel faster or slower than the air on the bottom of the wing? (Circle faster or slower)

Does the air on the top travel a further or shorter distance than the air on the bottom of the wing? (Circle further or shorter)