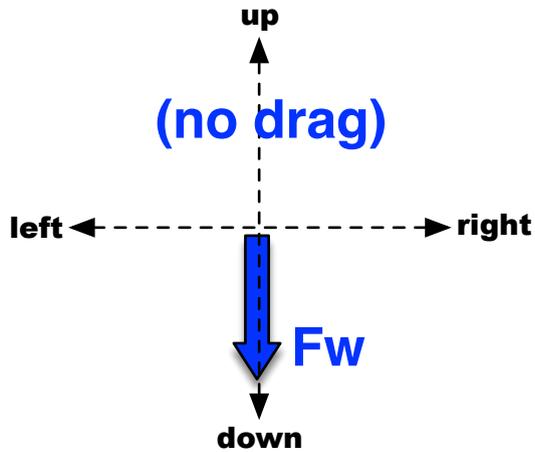


Drag and Terminal Velocity



This unfortunate person is falling with NO DRAG.

What kind of motion will he have **ALL THE WAY DOWN**?

- a) Speeding up
- b) Slowing down
- c) Maintaining constant speed



If there were NO DRAG, rain would be extremely dangerous.

Why is that?

Why would snow and sleet be worse?

If you are falling, you begin to speed up.

What happens to drag when you speed up?

1. Which diagram shows a person falling but very early in their fall?

How do you know?

2. Which diagram shows a person later in their fall, but still speeding up?

How do you know?

3. Which diagram shows a person much later in the fall, at terminal speed?

How do you know?

