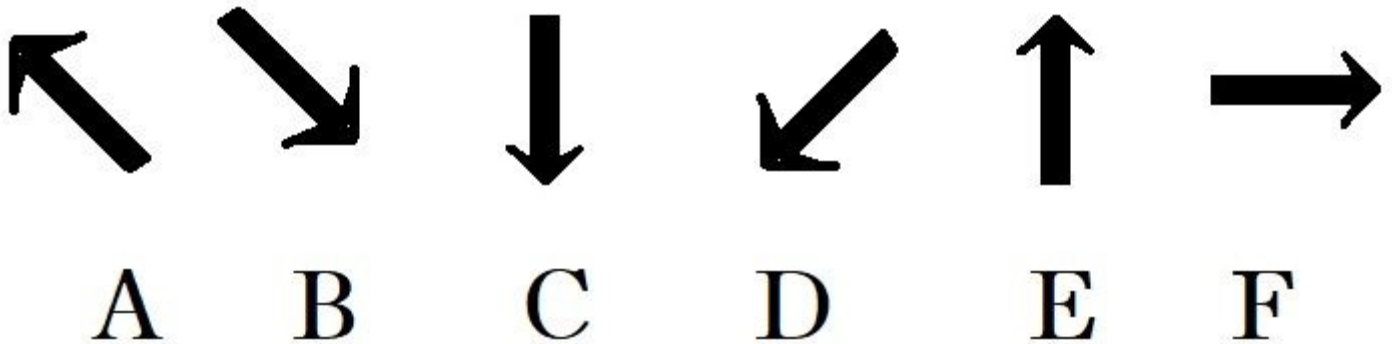


# FORCES 6 - GRAVITY AND FRICTION

**Gravity** is a force that **pulls**. Earth's gravity pulls objects down (to its center). Everything with mass has gravity. Anything that takes up space is matter, that has mass.

**Friction** is a force that happens when two things **rub together**.

1. What direction would the object fall?



2. Think about gravity's force, acceleration, and resistance. Select the object you think will hit the ground first. If you think both objects will arrive together, select both.

☐ coin

☐ feather

☐ both

3. Think about gravity's force, acceleration, and resistance. Select the object you think will hit the ground first. If you think both objects will arrive together, select both.

☐ book

☐ box

☐ both

4. Think about gravity's force, acceleration, and resistance. Select the object you think will hit the ground first. If you think both objects will arrive together, select both.

☐ football

☐ balloon

☐ both

5. Think about gravity's force, acceleration, and resistance. Select the object you think will hit the ground first. If you think both objects will arrive together, select both.

☐ kite

☐ ring

☐ both

6. Write “**gravity**” or “**friction**” to explain the force in motion.

