

Name:



Falling For You



Data Sheet

Objects dropped		Which will hit the ground first?	Which object actually hit the ground first?
Ping pong ball	Marble		1. 2. 3.
Flat paper	feather		1. 2. 3.
Pencil	paper clip		1. 2. 3.
Crumpled paper	eraser		1. 2. 3.
Paper clip	ping pong ball		1. 2. 3.
			1. 2. 3.

Name:

1) Do you think the hammer or the feather will hit the moon first?

2) Which one hit the moon first? What caused this?

3) What if we dropped a hammer and a feather here on Earth? Would the hammer or the feather hit the ground first?

4) Does the force of gravity ever change?

5) What does change between the objects?