

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Number: \_\_\_\_\_

Why does a pencil, an eraser, or a ball fall to the ground when it's thrown in the air?

What does the word "mass" mean? Use this sentence to help you figure out the meaning of the word -  
You can figure out the mass of an object by using a pan balance.

How are mass and weight different?

What force determines your weight?

Let's figure out your current weight if you were on the moon (1/6) and Jupiter (2.5) -

Why doesn't the Earth and the other planets crash into the sun?

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If the sun's gravity were decreased or taken away, what would happen?

What might happen if gravity were increased?