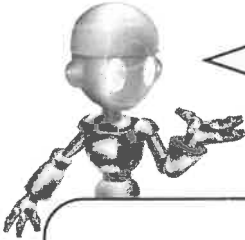


Name: To explain gravity Date: 11/1/21



Measure craters caused by dropping objects of different weights into a tray of flour. Draw or photograph the craters, then measure and describe them. Describe what you noticed, then complete the statements below.

Object dropped:
Depth of crater:
Diameter of crater:

Object dropped:
Depth of crater:
Diameter of crater:

Object dropped:
Depth of crater:
Diameter of crater:

Describe the differences between the crater made by a light object and one made by a heavy object:

Try dropping a light object and a heavy object that are the same size (or very similar size). What do you notice?

Add words to these statements to show what you have learned:

The light objects make _____ craters.

The heavy objects make _____ craters.

Large or wide objects make craters with _____ diameters.