

A Can of Coke in Space

WHAT WOULD A CAN OF COKE BE LIKE ON EACH OF THE PLANETS IN OUR SOLAR SYSTEM?

- ❖ Would it be lighter or heavier due to the effects of gravity?
- ❖ Would it be crushed due to gravity and/or atmospheric pressure?
- ❖ Would be expanded or burst due to gravity and/or atmospheric pressure?
- ❖ Would the metal be quickly or slowly corroded by the atmosphere?
- ❖ How hot or cold would it be?
- ❖ Would it have burst because of the heat turning the softdrink to gas?
- ❖ Would it be expanded because of the water in the softdrink being frozen?
- ❖ Will it be bombarded by meteorites because they do not burn up in the atmosphere?
- ❖ Will it be blown around by winds?
- ❖ Will it washed away by water?

WRITE 9 SENTENCES SAYING WHAT YOU BELIEVE WILL HAPPEN TO A CAN OF COKE ON EACH OF THE PLANETS.