

TRUE or FALSE

Matter HW

Name _____

Date _____

Period _____

- DIRECTIONS:** 1) DECIDE if each statement is TRUE or FALSE.
2) CIRCLE the word TRUE or FALSE.
3) IF it is FALSE, REWRITE the statement to make it true.

1) **Mass always stays constant.**

TRUE

FALSE

If FALSE, REWRITE to be TRUE: _____

2) **A bowling ball has more mass than a tennis ball.**

TRUE

FALSE

If FALSE, REWRITE to be TRUE: _____

3) **A balloon (blown-up) has more inertia than a full can of soda.**

TRUE

FALSE

If FALSE, REWRITE to be TRUE: _____

4) **The Earth has more mass than the moon.**

TRUE

FALSE

If FALSE, REWRITE to be TRUE: _____

5) **The Earth has a stronger gravitational pull than Jupiter.**

TRUE

FALSE

If FALSE, REWRITE to be TRUE: _____

6) **Your mass will decrease if you stand on top of a mountain.**

TRUE

FALSE

If FALSE, REWRITE to be TRUE: _____

7) **You would weigh less on the moon than on Earth because the moon is smaller.**

TRUE

FALSE

If FALSE, REWRITE to be TRUE: _____

DIRECTIONS: WRITE your answers to the following questions.

8) Why do astronauts call it “weightless” in outer space?

9) You weigh 100 pounds on Earth. Planet Dengos has a gravitational pull that is 7 times stronger than Earth. How many pounds would you weigh on Planet Dengos?
