NAME:

**1. Reading Material "Major Planets of the Solar System"** (can be found on the school website on our class homework page).

## **Based on the above, answer the following questions:**

- **2.** Which planet is the **largest**:
  - a. of all the 8 planets?
  - **b.** of the **4 terrestrial planets**?
- **3.** Which planet has the **fastest rotation**:
  - a. of all the 8 planets?
  - b. of the 4 terrestrial planets?

**4.** Using the information about *planet-specific years*, **calculate how old you would be on any 3 planets** of our Solar System (<u>your choice</u> of planets; answer should be in the form "**N years M days**" as we cannot speak of "months" on other planets <sup>(i)</sup>; please <u>attach an</u> additional sheet showing all calculations).

Hint1: you know your age on Earth in "Earth years and days".

Hint2: you need to *convert* that number into "Mars years and days" or "Neptune years and days" and so on.

5\*(optional). Why can't we speak of "months" on other planets of the Solar System?