

## THE PLANETS OF OUR SOLAR SYSTEM

Read the directions below and write your answers in the spaces provided on the back of this worksheet.

1. Write the name of each planet on the line next to the planet on the diagram
2. Draw a red circle around the group of terrestrial planets.
3. Draw a green circle around the group of gas giants.
4. Using a brown-colored pencil, draw the asteroid belt in its proper place
5. Draw the Kuiper belt in blue.
6. Write the number of moons each planet has in the box next to each planet.
7. Match each of the following characteristics to the appropriate planet and write the name corresponding letter in the space provided.
  - a. It is the smallest planet.
  - b. It has a density of less than one
  - c. It takes 88 days to orbit the sun
  - d. It has retrograde rotation
  - e. It can support life
  - f. it is the gas giant farthest from the sun
  - g. it has the largest mountain in the solar system
  - h. it has a moon more than half its size
  - i. it is tilted on its side
  - j. it is about 13 light minutes from the sun
  - k. it can support life
  - l. its day is more than half as long as its year
  - m. it has the brightest ring system
  - n. temperatures normally range from  $-13^{\circ}\text{C}$  to  $37^{\circ}\text{C}$ .
  - o. it has a great red spot
  - p. it is 2.7 light hours from the sun
  - q. its surface temperature is  $-153^{\circ}\text{C}$
  - r. its day is just over 16 hours long.

Sun

Earth

