

# Comets

STUDENT BOOK pp. 274, 300

1. What is a comet? Check the correct answer.

- a) Celestial body that orbits around a planet. ☐
- b) Celestial object that reaches Earth without burning up. ☐
- c) Gaseous celestial body that produces energy. ☐
- d) Spherical celestial body that produces no light. ☐
- e) Small body of rock and ice orbiting near the Sun. ☐

2. Complete the sentences below using the words in the box.

planets	gas	orbits	halo	tail	nucleus
sun	ice	dust	head	solar wind	

- a) A comet consists of a head formed of a nucleus, a \_\_\_\_\_ and a tail.
- b) The \_\_\_\_\_ is made up of rocks and ice.
- c) As the nucleus is pulverized, it releases large amounts of \_\_\_\_\_ and \_\_\_\_\_ and this forms the halo of the comet.
- d) The tail is made up of gas and dust that have escaped from the comet's \_\_\_\_\_ due to \_\_\_\_\_.
- e) The \_\_\_\_\_ always points away from the \_\_\_\_\_.
- f) Comet \_\_\_\_\_ are very elongated by comparison with the orbits of the \_\_\_\_\_.

3. True or false?

- a) A comet is also called a *meteorite*. \_\_\_\_\_
- b) A comet may be visible to the naked eye during the day. \_\_\_\_\_
- c) Comets may be seen only several times in a century. \_\_\_\_\_
- d) Comets never leave the solar system. \_\_\_\_\_
- e) A comet races through the sky at high speed. \_\_\_\_\_
- f) Comets form near the Sun. \_\_\_\_\_