

## Bill Nye the Science Guy - Planets & Moons

Answer the following questions once you have watched the Bill Nye video on Planets & Moons

1. Planets in our solar system travel around the earth in a **clockwise** direction. TRUE or FALSE
2. The planet Mars is surrounded by a number of rings. TRUE or FALSE
3. The sun is the largest object in our solar system. TRUE or FALSE
4. Planets and moons shine in the sky due to reflected sunlight. TRUE or FALSE
5. The Earth's orbit around the sun is perfectly circular. TRUE or FALSE
6. Planets closer to the sun take a shorter time to orbit the sun than planets further to the sun. TRUE or FALSE
7. The two planets in our solar system that have rings around them are Jupiter and Neptune. TRUE or FALSE
8. Which statement is correct?
  - a. The further away from the sun a planet is, the hotter it is.
  - b. The closer to the sun a planet is, the hotter it is.
  - c. Distance from the sun makes no difference to the temperature of a planet.