

# Astronomy Day Quiz

1. On which day(s) of the year does the Sun rise due east?
  - a) March 21 and September 23
  - b) June 21
  - c) every day
  - d) never
2. How does the Sun produce its energy?
  - a) by reflecting light from other stars
  - b) by chemically burning its fuels
  - c) by fusing hydrogen into helium
  - d) by explosive chemical reactions near its surface
3. If the Sun were the size of a quarter, and the rest of space sized accordingly, where would the nearest star be?
  - a) about 3 feet away
  - b) about 33 feet away
  - c) about 3300 feet away
  - d) more than 60 miles away
4. What is the brightest star in the night sky at any time?
  - a) Venus
  - b) Sirius
  - c) Orion
  - d) the North Star
5. About how many stars are in our Milky Way galaxy?
  - a) 200 billion
  - b) 200 thousand
  - c) 2 million
  - d) 2000
6. Which planet has a surface and atmosphere most like the Earth?
  - a) Venus
  - b) Jupiter
  - c) Mercury
  - d) Mars
7. What is the Earth's period of revolution around the Sun?
  - a) 1 day
  - b) 1 week
  - c) 1 month
  - d) 1 year
8. What is the Moon's period of revolution around the Earth?
  - a) 1 day
  - b) 1 week
  - c) 1 month
  - d) 1 year
9. Based on their average distance from the Sun, what is the order of the planets?
  - a) Venus, Earth, Mars Mercury, Saturn, Jupiter, Neptune, Uranus, Pluto
  - b) Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto
  - c) Mercury, Venus, Mars, Earth, Jupiter, Saturn, Uranus, Neptune, Pluto
  - d) Mercury, Venus Earth, Mars, Jupiter, Saturn, Uranus, Pluto, Neptune
10. Which best describes a comet?
  - a) a rock burning up in the atmosphere
  - b) a flaming ball of gas
  - c) a large dirty snowball surrounded by a thin veil of gas and dust
  - d) a star streaking across the sky

Answers: 1-a, 2-c, 3-d, 4-b, 5-a, 6-d, 7-d, 8-c, 9-b, 10-c