

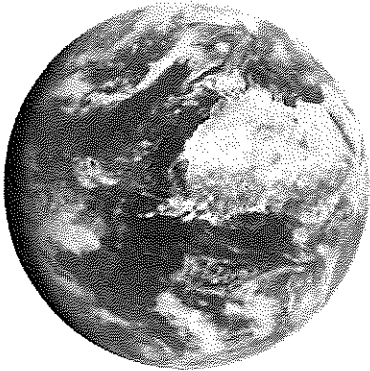
Name: \_\_\_\_\_

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## Earth's Rotation and Revolution

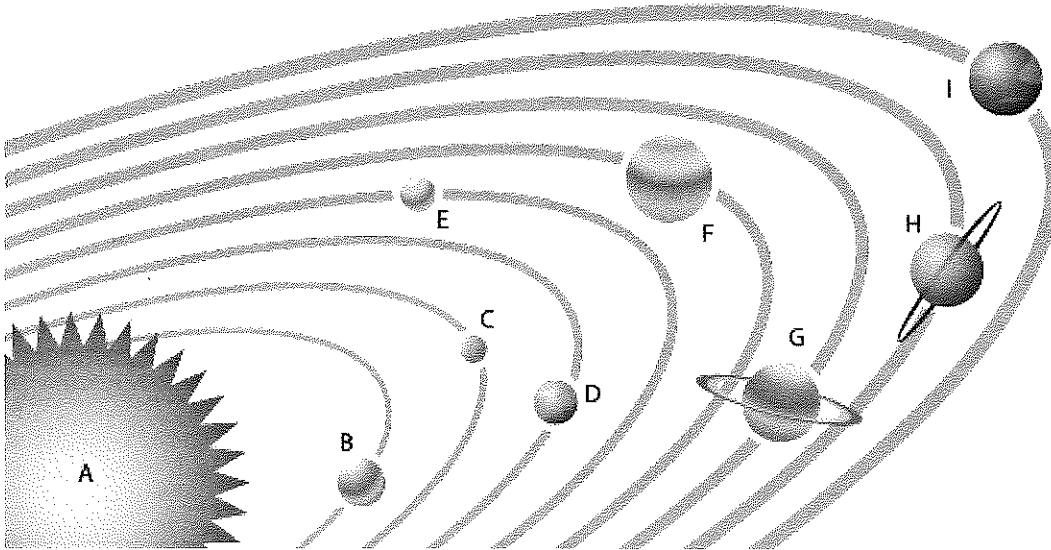
6th Grade  
Science  
Bigham

- The words rotate and revolve have the same meaning when describing the motion of planets.
  - True
  - False
- The movement of Earth around the Sun once every 365.25 days is called \_\_\_\_\_.
  - rotation
  - revolution
- The movement of Earth as it takes 24 hours to spin on its axis is called \_\_\_\_\_.
  - rotation
  - revolution
- What is the shape of a planet's orbit?
  - circular
  - irregular
  - elliptical
- The picture shows the daylight side of Earth. Which best describes why Earth has day and night?



- The Moon rotates on an axis.
  - Earth rotates on an axis.
  - The Moon revolves around Earth.
  - Earth revolves around the Sun.
- One complete revolution of Earth around the Sun is called a
    - day.
    - night.
    - month.
    - year.
  - What causes the apparent movement of the Sun across the sky during the day on Earth?
    - revolution of Earth in its orbit
    - rotation of Earth on its axis
    - location of Earth in space
    - objects are moving around Earth

8. How long does it take for Earth to rotate once on its axis?
- 1 day
  - 1 year
  - 1 week
  - 1 month
9. The diagram shows the Sun (A) and planets (B - I) of our solar system. Use the diagram and passage below to answer the question.



The planets of our solar system are moving in space. Each planet goes around the Sun in a path called an orbit. In addition, each planet spins around an imaginary line through its center called an axis. Earth's axis is tilted at an angle of about  $23.4^\circ$ .

Which sentence best describes how the planets revolve?

- The planets of our solar system are moving in space.
  - Each planet goes around the Sun in a path called an orbit.
  - In addition, each planet spins around an imaginary line through its center called an axis.
  - Earth's axis is tilted at an angle of about  $23.4^\circ$ .
10. Which statement about Earth's rotation and its revolution is correct?
- It takes Earth longer to rotate on its axis than revolve around the Sun.
  - It takes Earth longer revolve around the Sun than to rotate on its axis.
  - It takes Earth longer to rotate around the Sun than revolve on its axis.
  - It takes Earth longer revolve around the Sun than to revolve on its axis.