

Ch 13 Lesson 1 Review

1) Astronomers use radio waves to study

- A) young stars.
- B) high-energy gas jets.
- C) star-forming regions.
- D) cold, dark regions.

2) Which might change, depending on the distance to a star?

- A) absolute magnitude
- B) luminosity
- C) composition
- D) apparent magnitude

3) What do astronomical units and light-years have in common?

- A) Both measure the energy emitted by astronomical bodies.
- B) Both measure the distance between objects in space.
- C) Both measure the amount of time it takes for light to reach Earth.
- D) Both measure the speed of light in a vacuum.

4) Infrared waves can be used to study

- A) young stars.
- B) star-forming regions.
- C) high-energy gas jets.
- D) cold, dark regions.

5) Which helps scientists learn about the temperature and composition of stars?

- A) astronomical unit
- B) constellations
- C) light-year
- D) spectroscope