Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ #\_\_\_\_\_\_\_\_

Answer all extended response question in complete sentences. Failure to do so will result in half credit given. Do your best on spelling.

1. Describe at least three things that make Earth unique when compared to the other planets in our Solar System.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Describe two major differences between the Earth and the Moon.

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1. Why are images from the Hubble Space Telescope so much better than any photo we can take from Earth?

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1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the hottest color star.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the coolest color star.
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a yellow star.
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has all the material needed to create a star.
5. Explain why a massive star has a much shorter life cycle.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How will our star, the Sun, die?

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1. Explain how the red giant stage of a star’s life cycle is different for a massive star.

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1. What two things can a massive star end its life as?

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1. Explain why scientists developed light years to be used to measure distance in space.

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1. Describe at least three things that make a Black Hole so unique.

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1. Draw a line connecting the name of the type of galaxy to the picture below: **Elliptical Spiral Irregular**

  

1. Tell me three things you learned new in this chapter.

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