

Space Review:

1. Name the 4 main layers of the sun from inner to outer and give a brief description of each.
Bonus for naming/describing all 6.
2. Aurora Borealis, sun spots, solar flares, prominences.
3. Define the following: 1) Planet, 2) Moon, 3) Satellite, 4) Star, 5) Solar System, 6) Galaxy, 7) Universe...what is our galaxy called?
4. Name the 8 planets in order from closest to furthest from the sun. Where's the asteroid belt? Which planet is biggest/smallest? What are comets? Where are they found?
5. Rotation vs Revolution
6. The reason we have seasons is? Please use a diagram to explain.
7. Moon phases. Draw and name each one.
8. What phase does the moon have to be in to see a solar eclipse?
9. Explain how we might see a lunar eclipse.
10. What is our North Star?
11. What is a constellation?
12. What is retrograde motion?
13. What 2 units do we use to measure distance in space? Explain each.
14. Is the universe expanding or contracting? How do we know? Red Shift?
15. What is the difference between apparent magnitude and absolute magnitude of stars?
16. What colour do hot vs cold stars appear?
17. Understand the life cycle of various sized stars (p. 381).
18. Dark matter vs. Dark energy
19. What is the Canadarm, who developed it, and what is it used for? What is Canadarm 2.
20. Know a lot about Chris Hadfield & the effects of space flight.
21. Know how to explain (in great detail), exactly how a worm hole works (just kidding).

Practice Questions from Textbook:

Unit Review (p. 448)

Questions:

1 & 2

6 - 9

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16 - 18

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28 - 32

34 & 35

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