

BOARDS UP QUESTION RESPONSES

Questions

1. What does the moon have each night? *Phases*
2. How many moon phases are there? *8*
3. What is waxing? *Growing*
4. What is waning? *Shrinking or getting smaller*
5. How large is the moon during the first quarter phase? *Half*
6. Name the moon phases in order. *New, waxing crescent, first quarter, waxing gibbous, full, waning gibbous, third quarter, waning crescent*
7. How long does it take the moon to orbit the Earth? *Approximately 29.5 days or one month*
8. How many moons does Mars have? *Two*
9. What is a crescent moon? *A thin slice of light*
10. Explain why you can still see the moon during the daytime. *The moon does not disappear.*
11. How long does it take the Earth to orbit around the sun? *365 days or 1 year*
12. True or false: The moon produces its own light. *False*
13. What is the dividing line between daytime and nighttime on the moon? *Terminator*
14. What is another name for moon phases? *Lunar phases*
15. The lunar cycle begins with which phase of the moon? *New moon*
16. New moon is the only phase when what could occur? *Solar eclipse*
17. What is another name for the first or third quarter moon phase? *Half moon*
18. What does gibbous mean? *Humped or swollen*
19. What is the biggest, brightest moon phase? *Full moon*
20. What can only occur during the full moon phase? *Lunar eclipse*

Bonus Question

Do you know what the current moon phase will be today? Answers can be found at <https://science.nasa.gov/moon/daily-moon-guide/>