

**TEST REVIEW: THE MOON, THE SEASONS**

**NAME** \_\_\_\_\_

**PER** \_\_\_\_\_

1. \_\_\_\_\_ is the angle of incoming solar radiation that will produce highly concentrated rays .
2. \_\_\_\_\_ is the angle of incoming solar radiation that will cause the sun's rays to be spread out.
3. \_\_\_\_\_ is the day with the fewest hours of daylight.
4. \_\_\_\_\_ is the day with the fewest hours of darkness.
5. \_\_\_\_\_ is the season we experience in the northern hemisphere when direct rays of the sun fall on the tropic of cancer.
6. \_\_\_\_\_ is the season we experience in the northern hemisphere when direct rays of the sun fall on the tropic of capricorn.
7. \_\_\_\_\_ is the imaginary line around which the earth rotates.
8. \_\_\_\_\_ is the imaginary line that receives direct sunlight during spring and autumn.
9. \_\_\_\_\_ is the season in which the Earth is closest to the sun
10. \_\_\_\_\_ is the first day of winter
11. \_\_\_\_\_ is the first day of spring
12. \_\_\_\_\_ is the first day of summer
13. \_\_\_\_\_ is the first day of autumn
14. \_\_\_\_\_ is the hemisphere that we live in

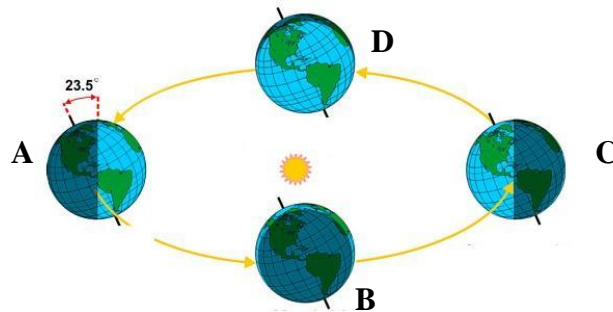
15. BRIEFLY EXPLAIN THE 2 REASONS THAT THE EARTH EXPERIENCES SEASONS.

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**16. STUDY THE DIAGRAM, THEN IN THE BLANKS THAT FOLLOW IDENTIFY THE SEASON EXPERIENCED IN THE NORTHERN HEMISPHERE WHEN THE EARTH IS IN POSITIONS A-D RELATIVE TO THE SUN.**



A. \_\_\_\_\_

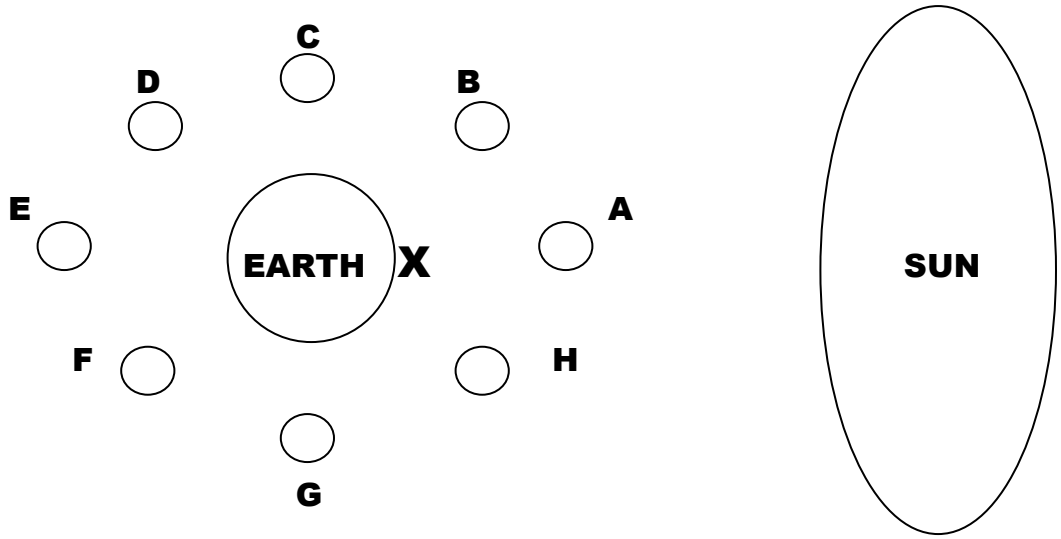
B. \_\_\_\_\_

C. \_\_\_\_\_

D. \_\_\_\_\_

26. INDICATE THE PHASE OF THE MOON IN THE BLANKS BELOW THE DIAGRAM. INCLUDE WAXING OR WANING WHERE APPROPRIATE.

27. SHADE IN EACH ILLUSTRATION OF THE MOON TO INDICATE HOW IT WOULD APPEAR ON EARTH WHEN VIEWED DURING THAT PARTICULAR PHASE.



- A. \_\_\_\_\_
- B. \_\_\_\_\_
- C. \_\_\_\_\_
- D. \_\_\_\_\_
- E. \_\_\_\_\_
- F. \_\_\_\_\_
- G. \_\_\_\_\_
- H. \_\_\_\_\_

28. \_\_\_\_\_ which position(s) of the moon would produce **low tides** at position **X**?  
(PROVIDE LETTERS)

29. \_\_\_\_\_ which position(s) of the moon would produce **high tides** at position **X**?  
(PROVIDE LETTERS)

30. \_\_\_\_\_ which PHASE(S) of the moon would produce A SOLAR ECLIPSE?

31. \_\_\_\_\_ which PHASE(S) of the moon would produce A LUNAR ECLIPSE?

32. \_\_\_\_\_ which position(s) of the moon would produce NEAP tides?

33. \_\_\_\_\_ which position(s) of the moon would produce SPRING tides?