Passage IV is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ passage which has \_\_\_\_\_\_\_\_\_\_\_\_\_ questions.

How would you advise someone completing this passage?

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

18. For question 18, you should locate altitude which is on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ axis.

You should then find the thermosphere which is above the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and below \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The lower boundary of the thermosphere is at an altitude of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ km.

The upper boundary is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The best answer to # 18 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

19. For # 19 you should locate ultraviolet light, which have a wavelength of \_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_ A.

This light stops in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_. Therefore this area put but the location of ozone.

The best answer to #19 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

20. For #20, you should look in what layer of the atmosphere? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

List the types of light that enter this layer and their wavelengths

Type of light Wavelength

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

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

Light that is not in these two groups would be unlikely to influence the temperature in that area.

Therefore, the best answer to #20 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

21. For #21, you should find the portion of the graph that has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pressure.

As the altitude increases, the pressure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Look at the graph for temperature, does there appear to be any pattern? \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Explain your response.

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

The best answer to #21 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

22. Atomspheric boundaries are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than usual above areas that get \_\_\_\_\_\_\_\_\_ direct solar radiation.

In the graph, is there any area that does not get solar radiation? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If an area received more solar radiation, its boundary would be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, but if it received less solar radiation, its boundary would be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The best answer to # 22 is \_\_\_\_\_\_\_\_\_\_\_.

The hardest question in this section to me was # \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

List three reasons why you should work hard to do well on the ACT

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_