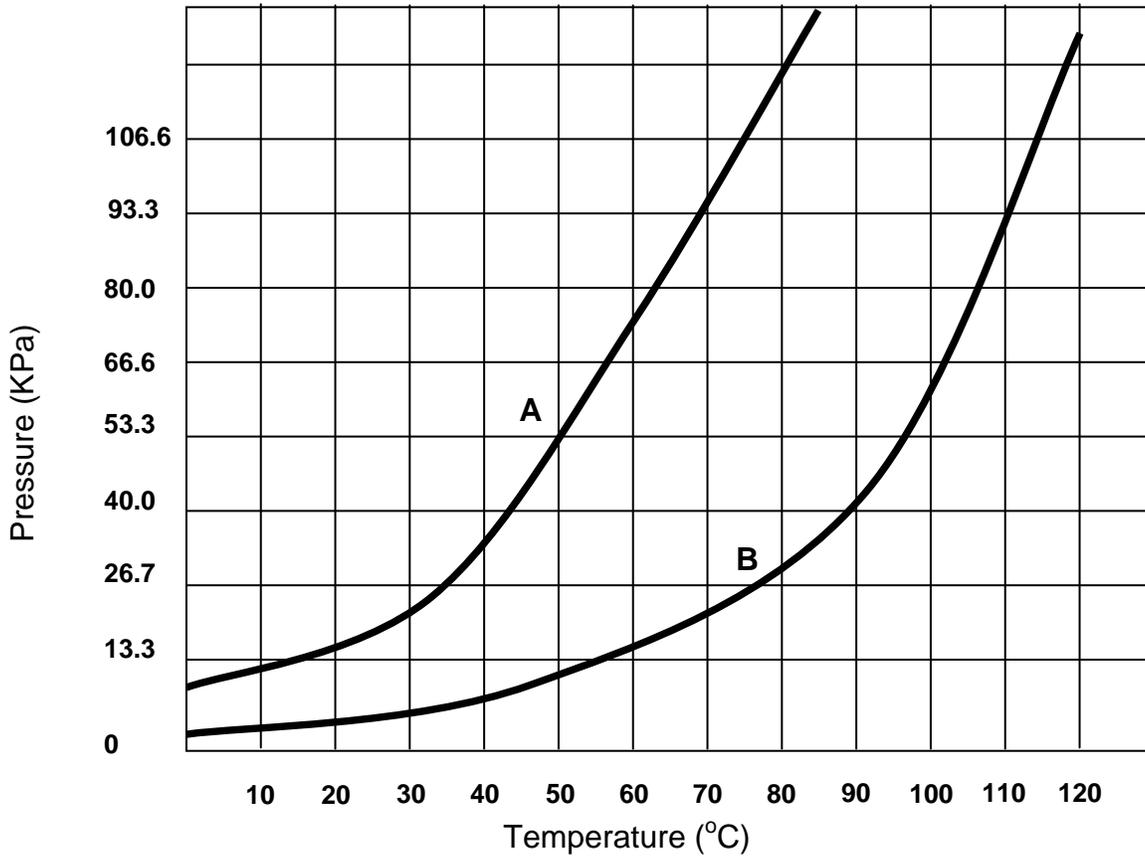


The following graph shows vapor pressure curves for two substances. **A** and **B**.



Answer the following questions.

1. What is the vapor pressure of **A** at 35 °C? 1. _____
2. What is the vapor pressure of **B** at 35 °C? 2. _____
3. At what temperature is the vapor pressure of **A** 106.6 kPa? 3. _____
4. What is the vapor pressure of **B** at this temperature? 4. _____
5. At what temperature is the vapor pressure of **B** equal to 106.6 kPa? 5. _____
6. What is meant by “normal boiling point”?
7. What is the normal boiling point of **A**? 7. _____
8. What is the normal boiling point of **B**? 8. _____
9. At what temperature would **A** boil if atmospheric pressure were 93.3 kPa? 9. _____
10. What would the atmospheric pressure have to be in order for **B** to boil at
The temperature you gave as your answer to Question **9**? 10. _____