

Comparing Integers

Sheet 2

- B) Angeline analyzes the physical properties of a few elements. She notes the boiling points of these elements and tabulates the data. Read the data and answer the following questions.

Element	Oxygen	Nitrogen	Hydrogen	Iodine	Phosphorus
Boiling point (°C)	-183	-196	-253	184	280

Answer the following questions based on the data given above:

- 1) Find the element that has the lowest boiling point.

- 2) Which element records the highest boiling point?

- 3) Iodine has the highest boiling point.

- 4) What is the difference between the boiling point of Iodine and Nitrogen?

- 5) Oxygen has a lower boiling point than Nitrogen. If false, support your answer.

- 6) List the elements whose temperatures range between -196°C and 280°C .

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Boiling point (°C)	-183	-196	-253	184	280

Answer the following questions based on the data given above:

- 1) Find the element that has the lowest boiling point.

- 2) Which element records the highest boiling point?

- 3) Iodine has the highest boiling point.

False. Phosphorus

- 4) What is the difference between the boiling point of Phosphorus and Nitrogen?

- 5) Oxygen has a lower boiling point than Nitrogen. If false, support your answer.

False. Oxygen has a higher boiling point at -183°C .

- 6) List the elements whose temperatures range between -196°C and 280°C .

Oxygen and Iodine

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