



Name _____ Class _____ Date _____

1

As a ship crosses the Prime Meridian, the **altitude of Polaris** measured from the ship is **50°**.

- What is the ship's location?
- A 0° latitude 50° east longitude
 - B 0° latitude 50° west longitude
 - C 50° north latitude 0° longitude
 - D 50° south latitude 0° longitude



2

Which procedure is an example of **classifying observed data**?

- A grouping stars by brightness
- B graphing temperature versus time for a particular date
- C photographing the cloud cover for a location throughout 1 week
- D measuring the angle of Polaris from two different locations

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A topographic map of **Mt. Rainier** in Washington state is shown below.

What is the **contour** 

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An observer on Earth determines that the apparent **diameter of the Moon** as viewed from Earth **varies in a cyclic manner**. The best explanation for this observation is that the

5

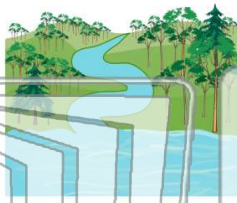


PREVIEW

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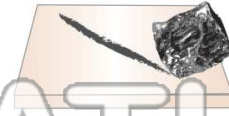
7

- A pebble
- B sand
- C silt
- D clay



are helpful procedures for **determining a mineral's**

- A density
- B identity
- C cleavage
- D internal atomic structure



9

What is the **difference** between the **dry-bulb temperature** and the **wet-bulb temperature** when the **relative humidity is 28%** and the **dry-bulb temperature is 0°C**?

- A 11°C
- B 2°C
- C 28°C
- D 4°C

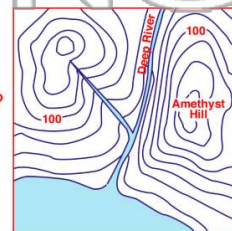


10

A contour map is shown below. Elevations are shown in feet.

Which side of **Amethyst Hill** has the **steepest slope**?

- A north
- B south
- C east
- D west





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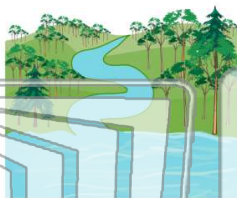


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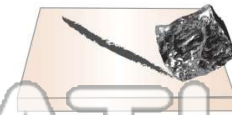
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