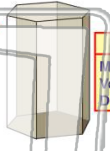




Name _____ Class _____ Date _____

1 A student measured the mass and volume of the mineral crystal below and recorded the data shown. The student used this data to calculate the density of the crystal.

What will be the student's percent error using the recorded data if the actual density of the crystal is 2.7 grams per cubic centimeter?



Data	
Mass = 80 g	
Volume = 32 cm ³	
Density = ?	

- A 0.4%
- B 5.0%
- C 7.4%
- D 8.0%

2 The length of an Earth day is determined by the time required for approximately one

- A Earth rotation
- B Earth revolution
- C Sun rotation
- D Sun revolution



3 Which planet is approximately thirty times farther from the Sun than Earth is?

- A Jupiter

4 What is the dewpoint when the dry-bulb temperature is 24°C and the wet-bulb temperature is 15°C?



PREVIEW

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7 locations on the surface. On Earth, the solar time difference between point A and point B would be

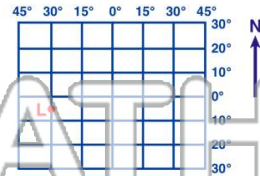
On Earth, the solar time difference between point A and point B would be

- A 1 hour
- B 5 hours
- C 12 hours
- D 24 hours



What is the latitude and longitude of point L?

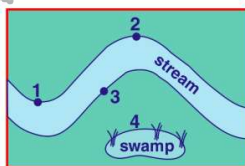
- A 5° E 30° N
- B 5° W 30° S
- C 5° N 30° E
- D 5° S 30° W



9 The map below shows the area surrounding a meandering stream.

At which point is erosion greatest?

- A 1
- B 2
- C 3
- D 4



10 What is the largest particle that can be kept in motion by a stream that has a velocity of 100 centimeters per second?

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

