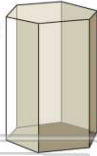




Name _____ Class _____ Date _____

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**?

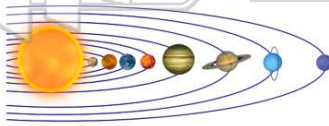


Data	
Mass =	80 g
Volume =	32 cm ³
Density =	?

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

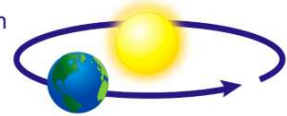
3 Which planet is approximately **thirty times farther** from the Sun than Earth is?

- A Jupiter
B Saturn
C Uranus
D Neptune



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



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

- A 8°C
B -18°C
C 36°C
D 4°C

5



PREVIEW

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7

and **point B** would be

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



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

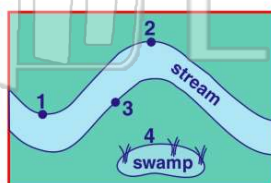


9

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

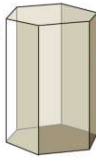




ANSWER KEY

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**?



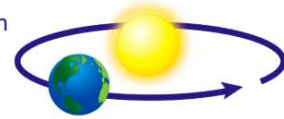
Data	
Mass =	80 g
Volume =	32 cm ³
Density =	?

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

C

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

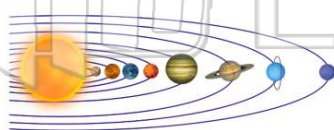
- A** Earth rotation
B Earth revolution
C Sun rotation
D Sun revolution



a

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

- A** Jupiter
B Saturn
C Uranus
D Neptune



d

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

- A** 8°C
B -18°C
C 36°C
D 4°C

a



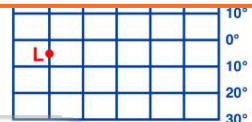
PREVIEW

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



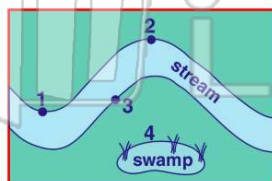
- C** 5° N 30° E
D 5° S 30° W



The map below shows the area surrounding a meandering stream.

At which point is **erosion greatest**?

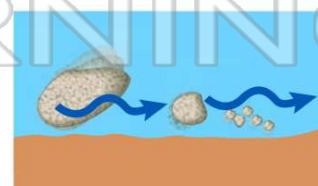
- A** 1
B 2
C 3
D 4



b

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



c