



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1

Math Challenge: Matt knew that the school's doorway was **3 meters** tall. He converted this to equal **300 centimeters**. Based on Matt's calculations, how many centimeters are in **1 meter**?

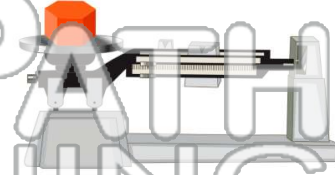
- A 30
- B 100
- C 1,000
- D 10



2

Math Challenge: If **1 kilogram** is equal to **1,000 grams**, how many grams are there in **5 kilograms**?

- A 50
- B 1,000
- C 5,000
- D 500



3

Math Challenge: Casey's bike odometer told her she rode **14,000 meters**.

How many kilometers did Casey ride?

4

Math Challenge: Damien's science teacher told him that **150° Celsius** equals **423° Kelvin**. How did the teacher convert Celsius to Kelvin?



5



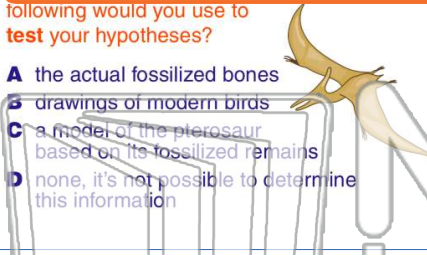
## PREVIEW

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7

Which of the following would you use to test your hypotheses?

- A the actual fossilized bones
- B drawings of modern birds
- C a model of the pterosaur based on its fossilized remains
- D none, it's not possible to determine this information



To safely collect rock samples with a hammer and chisel, always \_\_\_\_\_.

- A close your eyes tightly
- B look away
- C point the chisel down to eliminate rock chips
- D wear eye protection



9

Geologists need to be aware of taking all appropriate safety precautions to protect eyes, skin, limbs, and even clothing.

True or false?

- A true
- B false



10

Which of the following are new technologies that have helped geologists discover new information and come to new hypotheses?

- A medical machines like CAT scan machines
- B deep sea submersibles (remote-controlled submarines)
- C computers
- D all of the above





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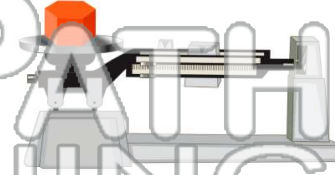
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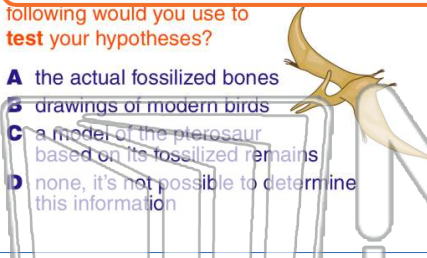
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