

A Answer the questions.

1. What does the Greek word 'Eureka' mean?
2. What did King Hieron II suspect?
3. Who was the court scientist at that time?
4. What happened in the bath that gave Archimedes a brain wave?
5. What information about silver and gold did Archimedes already know?
6. Why do you think Archimedes ran through the streets naked after making his discovery?
7. Why do you think the king suspected the goldsmith had swapped some gold for silver?
8. How do you think the king rewarded Archimedes for his discovery?
9. Did you ever have a 'Eureka!' moment when you figured out the answer to a puzzling question? Describe your experience.
10. Find out about the discovery of electricity. Use books or the Internet to help you.

B True or false? In your copybook, write why each false sentence is incorrect.

1. 'Eureka' is a Latin word meaning 'I found it.' _____
2. Archimedes was a Greek scientist. _____
3. Archimedes figured out the answer to the king's problem straight away. _____
4. Gold takes up more room than silver. _____
5. The king was suspicious of the goldsmith. _____

A 'simile' is a phrase that compares one thing to another. It usually includes the words 'like' or 'as'.

Examples: Archimedes ran as fast **as** lightning onto the streets.
That girl sings **like** an angel.

C Find a suitable word from the word box to complete each simile.

blind	stubborn	good	cold	fresh	sly
light	high	old	quiet	black	busy

1. as _____ as gold
2. as _____ as ice
3. as _____ as coal
4. as _____ as a feather
5. as _____ as a fox
6. as _____ as the hills
7. as _____ as a bat
8. as _____ as a bee
9. as _____ as a mouse
10. as _____ as a mule
11. as _____ as a daisy
12. as _____ as a kite