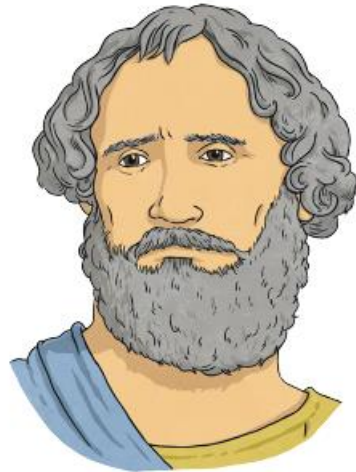


Archimedes

10 Archimedes lived from 287BC to 212BC in Sicily. He was
19 a Greek mathematician who devoted his life to research.
27 His most famous discovery possibly happened in the
35 bath! He discovered the law of buoyancy (Archimedes'
47 Principle). If the weight of an object in water is less than
58 the water, then the object rises. If the object is heavier
70 than the displaced water, it will sink. If it is equal then
84 it will neither sink nor rise; it will float, like a boat. It is
93 said (although not actually written in his journal) that
104 he was so excited, he jumped out of the bath shouting
113 "Eureka!" (meaning, "I have found it!"), a common phrase
119 used today when discovering an answer.



Quick Questions



1. Which word means the same as 'loyal'?



2. In which year did he die? How old was Archimedes when he died?



3. Find two phrases that tell you how committed Archimedes was to his work, explaining your choices.



4. Why does the author use the phrases 'possibly' and 'It is said...'?

My Eternal Journey

9 My journey never ends: I spend my never-ending life
20 going in eternal circles! This can be exciting but at times
23 it is exhausting.

33 Yesterday, I was resting in the deep, dark ocean when
44 the current pulled me nearer the surface and I felt myself
53 becoming lighter – I was evaporating. My friends tried to
66 pull me back but it was too late: the sun was too powerful
78 and I soared into the sky. How amazing it was to be
89 floating high above the sea! A huge gust of wind blew
99 me along until I collided with more water vapour and
109 formed a cloud. We were all busy, hustling and bustling,
119 joining together, until we were heavy enough to fall back
130 to Earth. I wondered where I would end up this time...



Quick Questions



1. Which words mean the same as 'perpetual'?



2. When does the water droplet become lighter?



3. How does the mood of the water droplet change throughout the story?

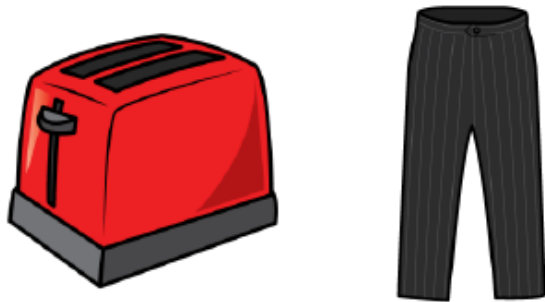


4. What will happen to the water droplet now?

Maths- Problem Solving

1 Helen has £400

She spends $\frac{1}{10}$ of the money on a new toaster.



She spends $\frac{1}{8}$ of the amount left on a pair of trousers.

Which item costs the most?

2 $\frac{3}{8}$ of people watching a play are adults.

The rest of the people watching are children.

There are 32 more children than adults watching the play.

How many people are watching the play in total?

- 1** Usman saves 10p and 50p coins in his money box.



He has saved £12.70

32 of the coins in the money box are 10p coins.

How many 50p coins are in the box?

- 2** The table shows the number of loaves of bread sold in a shop each week in February.

Week	Number of loaves sold
1 st Week	480
2 nd Week	400
3 rd Week	70
4 th Week	250

Which week did the shop sell $\frac{1}{3}$ of the total number of loaves of bread sold in February?

Science- Healthy Eating Menu

Can you create a healthy eating menu for one day? Include breakfast, lunch, tea and even some snacks!

Healthy Eating Menu

Breakfast:

Lunch:

Tea:

Snacks:

Art- Still Life

Gather different objects (leaves, flowers, vases, fruits, vegetables, books... anything!) on the table in front of you. I challenge you to draw what you see.

Remember: To use a pencil and sketch! You could even colour in your picture when you've finished.

