

ARCHIMEDES

FACT FIND

Use books or the internet to research Archimedes and write your answers in the spaces below.



1 When and where was Archimedes born?

2 Which city was Archimedes born in?

3 Where did Archimedes live and work for most of his life?

4 What was Archimedes famous for?

5 What important discovery did Archimedes make about water and floating objects?

6 What did Archimedes shout when he made this discovery?

7 Name one machine or invention that Archimedes designed.

8 How did Archimedes help defend his city of Syracuse?

9 What machine is Archimedes famous for using to move very heavy objects?

10 What invention did Archimedes design to move water uphill?

11 What areas of maths did Archimedes make important discoveries in?

12 What kinds of shapes did Archimedes study and calculate the area and volume of?

13 Which king of Syracuse did Archimedes help?

14 How did Archimedes die?

15 Why is Archimedes considered one of the greatest scientists of the ancient world?

THE ARCHIMEDEAN SCREW

Archimedes designed the Archimedeian screw to lift water from a low level to a higher level.



DID YOU KNOW?

THE LAW OF BUOYANCY

An object in water is pushed up by a force equal to the weight of the water it pushes aside.



APPROXIMATE LOCATION OF SYRACUSE

Archimedes lived and worked in Syracuse, a city on the island of Sicily in the Mediterranean Sea.

