

## ARCHIMEDES AND HIS PRINCIPLES

### Worksheet 1

Do not worry about your difficulties in Mathematics. I can assure you mine are still greater.

**Albert Einstein**

I must study politics and war that my sons may have liberty to study mathematics and philosophy.

**John Adams**

If I were again beginning my studies, I would follow the advice of Plato and start with mathematics.

**Galileo Galilei**

We especially need imagination in science. It is not all mathematics, nor all logic, but it is somewhat beauty and poetry.

**Maria Montessori**

Without mathematics, there's nothing you can do. Everything around you is mathematics. Everything around you is numbers.

**Shakuntala Devi**

Mathematics may be defined as the subject in which we never know what we are talking about, nor whether what we are saying is true.

**Bertrand Russell**

It is generally recognised that women are better than men at languages, personal relations and multi-tasking, but less good at map-reading and spatial awareness. It is therefore not unreasonable to suppose that women might be less good at mathematics and physics.

**Stephen Hawking**

In mathematics the art of proposing a question must be held of higher value than solving it.

**Georg Cantor**

If a man's wit be wandering, let him study the mathematics.

**Francis Bacon**

Mathematics is written for mathematicians.

**Nicolaus Copernicus**

Mathematics takes us into the region of absolute necessity, to which not only the actual word, but every possible word, must conform.

**Bertrand Russell**

Mathematics is the most beautiful and most powerful creation of the human spirit.

**Stefan Banach**

Life is good for only two things, discovering mathematics and teaching mathematics.

**Simeon Poisson**