

## Answers TTO puzzle

- How do you measure the height of a mountain? With **Pythagoras** ( $a^2 + b^2 = c^2$ )!
- The Himalayas is a young mountain range that has 'only' existed for tens of millions of years, whereas the Scottish Highlands is an **old** mountain range that is more than four hundred million years old.
- We find the **Alps** in Germany and the Rocky Mountains in Canada.
- The first humans lived in **Africa** (a continent in the south, including countries such as Nigeria and Kenya).
- Charles **Darwin's** idea is called the theory of evolution.
- When we talk about **prehistory** we mean the time before people were able to write.
- A period of **ten** years is also called a decade, while a century is a period of a hundred years.
- An old story tells that **Merlin**, the great wizard and advisor of the legendary king Arthur, built Stonehenge.
- Cuboid, cube, **pyramid** (a square base and sides coming together in a point at the top; often found in Egypt), sphere and cylinder are examples of solids.
- A **prime** number is a number that has exactly two different divisors, namely 1 and the number itself. The number 7 is an example because it is only divisible by 1 and 7.
- **Addition** (+) is the opposite of subtraction (-).
- The word '**biology**' is derived from the Greek word 'bios' (= life) and 'logos' (teaching or science), and is the study of life.
- When you want to see organisms that are so small that you cannot see them with the naked eye, you can use a magnifying glass or a **microscope**.
- A tadpole develops into a **frog**, a green amphibian that can jump very far.
- A lot of artists have made portraits of themselves, called **self**-portraits.
- **Rembrandt** van Rijn is a famous Dutch painter from the Dutch Golden Age.
- **Hercules** was the son of a human woman and the king of all gods Zeus. He was the strongest grown-up in the world.
- **Greek** gods lived on mount Olympus.
- Vincent van Gogh is a Dutch painter who cut off his own **ear**.
- **Red**, yellow and blue are primary colors.