

Listen and choose the correct answer

Math facts

- 1 **It is thought that** numbers and counting began with the number zero / one.
- 2 Arithmetic **is considered to have originated** around 20,000 / 6,000 years ago in Sumeria.
- 3 The *Egyptians / Romans* **are known to have invented** the numbers one thousand and one million.
- 4 Before 1500, the term 'Mathematics' was understood to mean 'Astrology' / 'Physics'.
- 5 **There are said to be** limited / unlimited opportunities for mathematicians.
- 6 *An increasing / A decreasing* number of students **are expected to be doing** Math in college in the future.

GRAMMAR FOCUS

Passive reporting structures

You can use the passive to talk about general feelings or beliefs with reporting verbs like *believe*, *know*, *think*, etc. These structures are usually used in more formal contexts.

- it + passive verb (present or past) + *that* clause
- subject + passive verb (present or past) + to-infinitive (to do/to have done/to be doing, etc.)
- there + passive verb (present or past) + to be/to have been

Complete the sentences using the words in parentheses. Don't change the order of the words provided but add any other necessary words.

- 1 It is understood that Pythagoras came up with (understand/Pythagoras/come up) the idea of odd and even numbers.
- 2 Pythagoras _____ (say/prepare) the way for many famous Greek mathematicians.
- 3 It _____ (be/think/Archimedes) is one of the greatest mathematicians of all time.
- 4 Archimedes _____ (believe/make) his most famous discovery in the bath.
- 5 The Romans _____ (not/think/be interested) in Math.
- 6 Several other civilizations _____ (be/know/contribute) to the advancement of Mathematics.



READ CAREFULLY YOUR BOOK AND DO THE EXERCISE HERE!

7.5 Passive reporting structures

Impersonal passive structures

To talk about general opinions and views, we use verbs such as agree, believe, claim, consider, expect, feel, hope, know, report, say, think, understand, etc., and the following structures:

- **it + passive verb (present or past) + that**
People generally **claim** that optimists live longer. →
It is generally claimed that optimists live longer.
People **believed** that Mathematics was the link between God and the world. →
It was believed that Mathematics was the link between God and the world.
- **subject + passive verb (present or past) + to-infinitive**
People **consider** wearable technology **to be** the future of computing. →

Wearable technology is considered to be the future of computing.

People **know** that almonds **protect** against diabetes and high blood pressure. →

Almonds are known to protect against diabetes and high blood pressure.

- **subject + passive verb (present or past) + to have + past participle**

People **believe** that the earthquake **has killed** more than 1,000 people. →

The earthquake is believed to have killed more than 1,000 people.

The press **previously reported** that the company's profit **had reached** \$100 million. →

The company's profit was previously reported to have reached \$100 million.

- **there + passive verb (present or past) + to be**

People **expect** that there **will be** a rise in the number of jobs offered across the US. →

There is expected to be a rise in the number of jobs offered across the US.

- **there + passive verb (present or past) + to have been**

People **think** that there **were** over twenty inventors who **invented** various light sources before Edison. →

There are thought to have been over twenty inventors who **invented** various light sources before Edison.

AFTER CHECKING YOUR ANSWERS .COPY THE GRAMMAR EXPLANATION AND THIS EXERCISE BOTH ON YOUR NOTEBOOK

Rewrite the sentences using impersonal passive structures.

1 Many people consider Bob Dylan to be the most influential musician of the twentieth century.

Bob Dylan _____

2 In February, newspapers reported that crime levels were falling faster.

It _____

3 Linguists expect that by 2050, 7,000 languages will disappear.

7,000 languages _____

4 Nutritionists say that kale is the most nutrient-dense food there is.

Kale _____

5 Palaeontologists think there were over 500 different species of dinosaur.

There _____

6 Experts believe that 1.24 million people were killed in road traffic accidents in 2010.

Road traffic accidents _____

7 We now know that cats are able to produce about ninety different sounds more than dogs.

Cats _____

more than dogs