

## Year 5 Greek Maths Problems

- The distance from London to Athens by plane is 2,395km. What is this number rounded to:
  - The nearest 10?
  - The nearest 100?
  - The nearest 1000?
- It takes 2.66 hours to fly to Athens.
  - What value does each digit have in this number?
  - What is this number rounded to the nearest whole hour?
- The population of Athens is 664,046 and the population of Crete is 627,144.
  - What is the total population of these two cities?
  - How many more people live in Athens than Crete?
- 2% of Greece's population are registered as being vegetarian.
  - What is this as a fraction?
  - What is this as a decimal?
- 51% of Greeks can speak English.
  - What is this as a fraction?
  - What is this as a decimal?
  - Is this more or less than half? Explain how you know.
- Greeks like to eat olives. They often eat around 5 a day. An olive weighs roughly 4 grams.
  - How many olives does an average Greek eat in a week?
  - How much would this amount of olives weigh?
  - How many olives does an average Greek eat in a year?
  - How much would this amount of olives weigh?

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### Challenge Questions from your friends!

#### Hayden M

There are 4000 rides at Ancient Greece land.

25% of them are old and don't work.

15% are being improved.

The rest are open.

1. What percentage of rides are open?
2. Of the rides that are open, 15% are children only rides. How many adult rides are open?

#### Max

There are 1000 pillars on a Greek temple.

106 have fallen over.

What percentage need rebuilding?

\*This is much harder than the questions you have been doing this week! My clue is that this percentage has a decimal number!!\*