

World Maths (for World Maths Day or any day!)

Name: _____ Date: _____



The population of the UK can roughly be split as follows:



England	Scotland	Wales	N. Ireland
50,000,000	5,000,000	3,000,000	2,000,000

What is the total population of the UK (all four countries together)?

What is the population of Wales as a fraction and a percentage of the UK total?

What is the population of Scotland as a fraction of the UK total?

Work out the median, mean and range of the populations.

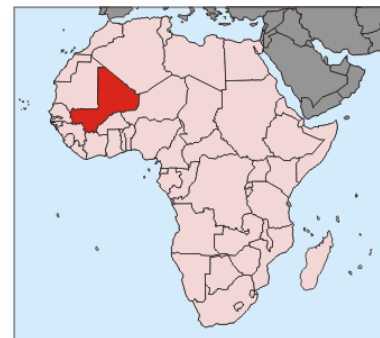
From the most northerly point to the most southerly point of Africa is a distance of 5000 miles.

1 mile = 1.6 kilometres

What is the distance in kilometres?

The rainy season in Mali is from May- September. Write the number of rainy months and dry months as a ratio.

In February it can be 35°C in Mali. Use the formula below to convert this to °F: $F = (C \times 9/5) + 32$



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The population of Pakistan is approximately 147,663,430.

It is growing at about 2% per year.

What will the population of Pakistan be next year?



The population of Pakistan is roughly split as follows:

urban	rural
40	60

Write this as a ratio and simplify it.

The literacy rate in Peru is 87.7%.

Round this to the nearest whole number.

The highest point in Mexico is 5636m. The lowest point is -10m.

What is the difference between the highest and the lowest points?



A lock on The Panama Canal is 33.53m wide, 304.8m long and 23.16m deep.

Write a formula to show how to work out the volume.

Work out the volume. You may use a calculator if you wish.

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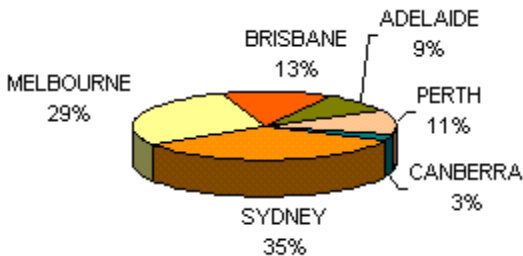


It is 11680 miles from London to Wellington in New Zealand.

Round this number to the nearest thousand.

There are 320 islands in Fiji. 105 of these are inhabited. Write this as a fraction and simplify it.

The Coral Coast in Fiji is 80km long. If 1.6 km = 1 mile, how long is this in miles?
(Clue, look at your answer for the Africa question!)

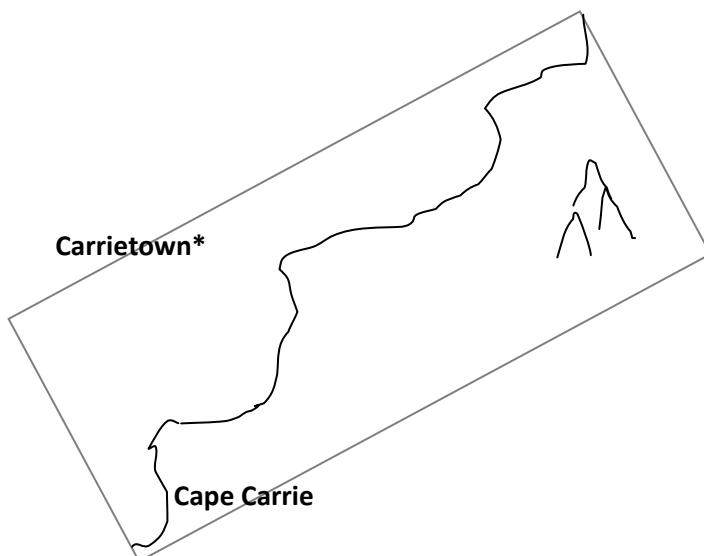


What kind of graph is this?

Which city has the highest population?

What is missing from the graph?

Carrie has spent her summer exploring and has discovered this new country!



Use a ruler and measure the perimeter of the map of the new country.

Then work out the area of the map.



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Space For Working Out

