You have nine coins, all look identical but one is fake and weighs more than the rest.

Using basic scales, how many times do you need to weigh the coins to find the fake?

Tanya is older than Eric.
Cliff is older than Tanya.
Eric is older than Cliff.
If the first two statements are true, the third statement is:

A. **True**
B. **False**
C. **Uncertain**

Two doors, one goes to Utopia and one goes to Dystopia. Secured by 2 Guards, one always tells the truth and one always lies. What one question can you ask the Guards to find the door to Utopia?

Mary's mum has 4 children. 1st child's name is April, 2nd child's name is May, 3rd child's name is June.
Then what is the name of the 4th child?

Fact 1: Jessica has four children
Fact 2: Two of the children have blue eyes and two of the children have brown eyes.
Fact 3: Half of the children are girls

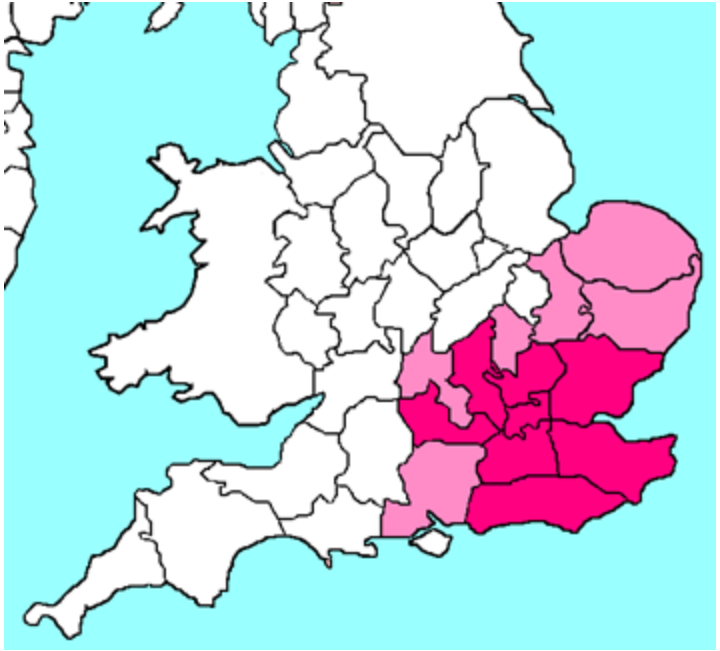
If the first three statements are facts, which of the following statements must also be a fact?

I: At least one girl has blue eyes.
II: Two of the children are boys.
III: The boys have brown eyes.

A. I only
B. II only
C. II and III only
D. None of the statements is a known fact.

An aeroplane crashes on the border of 4 counties.

Where do they bury the survivors?



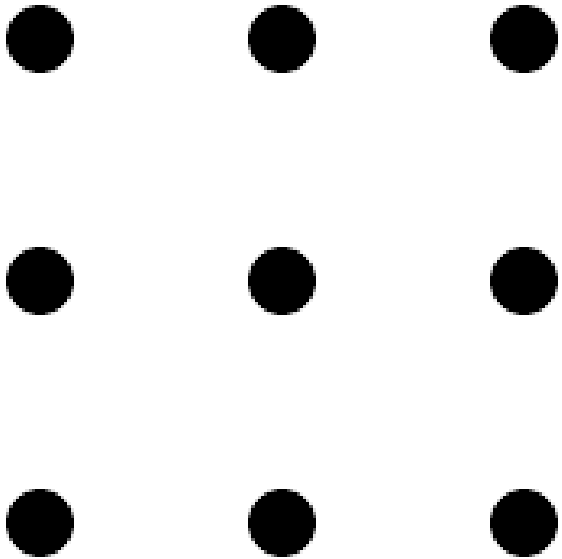
A house has 4 walls, all of which have a windows facing south.

There is a bear outside, what colour is it?

The green house is to the right of the yellow house, the red house is to the left of the blue house, the pink house is in the middle.

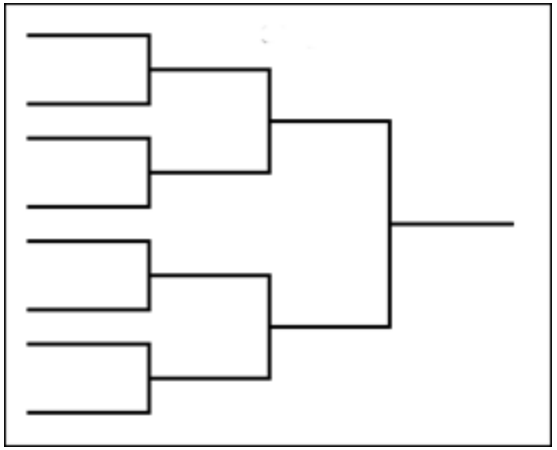
Where is the white house?

Join all 9 dots with 4 lines, do not take your pen off the paper.



You have 30 football teams in a knockout competition.

How many games do you need to play?



You have a die, what is on the opposite face to the Five?

2+5x3=?

You have red socks and blue socks loose in a draw, how many socks do you need to blindly pull out to ensure you have a pair?

You now have red, blue and green socks loose in a draw, how many socks do you need to blindly pull out to ensure you have a pair?

Solve the logic puzzle?