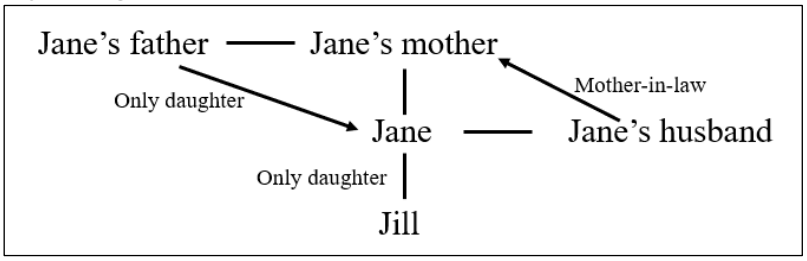
Answers to the extra puzzles and riddles for 9 June + Answers to TV Picture puzzles

A *Jane went to visit Jill. Jill is Jane's only husband's mother-in-law's only husband's only daughter's only daughter. What relation is Jill to Jane?*

Jill is Jane's daughter.

My little family tree at the right will allow you to trace the relationships in the question.



B I am grateful to Keith Banks for the following puzzle questions:

1. Johnny's mother had three children. The first child was named April. The second child was named May. What was the third child's name? Johnny.

2. There is a clerk at the butcher shop, he is five feet ten inches tall and he wears size 13 shoes. What does he weigh? Meat.

3. Before Mount Everest was discovered, what was the highest mountain in the world? Mount Everest - it was still the highest mountain even before discovery.

4. In California, you cannot take a picture of a man with a wooden leg. Why not? You can't take a picture with a wooden leg, you need a camera.

5. Which English word is always spelled incorrectly? Incorrectly.

C *A small number of cards has been lost from a full pack of 52. When I deal these to four people I have 3 left over. If I deal then to three people I have 2 left over, and if I deal them to 5 people I again have 2 left over. How many cards were there?*

There were 47 cards left.

There will be many ways of doing this, but I did it by considering first the 5 + 2 left over requirement as this gives a smaller number of possibilities to have to look at. Thus we look at numbers divisible by 5, then add two and work our way downwards from 50 + 2, 45 + 2, etc., until we find one that fits the other two requirements.

Firstly, 50 + 2 is a full pack, so it is not that.

Then 45 + 2 is 47, which is $45 + 2 = 3 \times 15 + 2$, so fits the 3 person deal, and it is also $44 + 3 = 4 \times 11 + 3$, so also fits the 4 person deal. Job done!

In fact if you check all the next lower candidates in order: 42, 37, 32, 27, 22, 17, 12 and 7 you will find that none of them work! The setter of the question was kind in saying "a small number of cards"!

D Can you solve these 6 Rhebus puzzles? (mostly easier this week)

CLIFF←	WEAR LONG	PAINS
JUMPJUMPJUMP	FRIENDJUSTFRIEND	NOMMAG

Cliff top	Long underwear	Growing pains
Triple jump	Just between friends	Backgammon

E *Can you turn BLACK into WHITE, changing one letter at a time, with each step being a proper word? I only managed it with a chain of 8 words, i.e. with 6 in between. Can you beat that?*

BLACK - CLACK - CLICK - CHICK - CHINK - CHINE - WHINE - WHITE

Answers to TV Program picture puzzle 1

1 Hollyoaks

2 New Tricks

3 Glen Campbell

4 Line of Duty

5 Doctor Who

6 The Bill

7 Broadchurch

8 Steptoe and Son