Age Old Problem

Find the ages of the Jones family members and fill in the family tree.
Nobody is aged over 100, so a 100-grid number is a useful help.

1. Sam was married when he was 22 years old.

   He lives at 115, George Bush Street.

   His age is a multiple of both 5 and 7 but not a multiple of 2.

2. Sam's wife, Felicia came 91st in the Malta marathon.

   She is older than Sam and her age is a prime number.

   The digits of her age total 5.

   Note: A prime number is a whole number greater than 1 whose only factors are 1 and itself e.g. 7, 11, 13...

3. Jim is their oldest child.

   He eats baked beans at breakfast.

   His age is a square number – it is a one digit number.

4. Jim's sister Sarah has 4 rabbits.

   Her age is a factor of 54, 72 and 84.

   When Sarah is three times as old as she is now, the digits of her age will add up to 9.

5. Sam and Felicia's youngest child Henry is fair.

   He has blue eyes and curly hair.

   His age is half the age of Sarah and $\frac{1}{3}$ the age of Jim.

6. Sam's father Cyril is in his 70s.

   His age is a multiple of 24.

   He retired from his last job when he was 65.

7. Cyril's wife Ruth is younger than Cyril.

   She retired from her job when she was 59.

   The difference between the 2 digits of her age is 6.

   Her age is an odd number.

8. Cyril and Ruth have a daughter called Avis.

    She loves clothes and spends most of her money in shoes.

    Her age is a square number.

    The second digit is twice the first digit.

9. Brian is Avis brother.

    His age is 4 less than half of Cyril's age.

    He started his latest job as a traffic warden when he was 22.

10. Brian's wife, Samantha is older than Brian.

    She started working when she was 24.

    Her age is a multiple of 7.

    The difference between the digits of her age is 2.

    Her age is an even number.

11. Brian's oldest son, Cameron has 25 stick insects.

    His age is a factor of 48 and 60.

    He is at secondary school.

12. Cameron's sister, India has 72 songs on her mobile phone.

    Her age is between 10 and 15.

    If her age is multiplied by one of its 2 digits, the answer is 39.

13. India's sister, Jane scored 76% on her latest Maths test.

    She is $\frac{1}{4}$ her father's age.

14. Brian and Samantha's youngest child, Simon goes to Summerville Primary School.

    His age is a factor of his mother's age.

    It is not a prime number.

15. Avis recently married Marvin.

    Marvin is due to retire when he is 60.

    When he is twice his current age, he will be 80.

Age Old Problems 2

The Jones family tree.

Fill in the names and ages.

Sam ( )

○ = married

= M

= F