13 Here is information about the age, in years, of each of Jelina's five children when written in order.

$$a \qquad b \qquad \frac{b}{2} + a \qquad 2b + a + 3 \qquad 2b + a + 5$$

It is given that

a is the age of the youngest child

$a \neq b$

two of the children have the same age

the mean age of the five children is 10.6 years

Calculate the value of a and the value of b

Show clear algebraic working.

$a =$ ....

$b =$ ....

(Total for Question 13 is 4 marks)