1   Sunita is x years old.

Beth is one year younger than Sunita.

Joel is double Sunita's age.

The mean of their ages is 5

How old is **Joel**?

[5 marks]

Answer _____

2 $5x^3 + ax^2 + bx + c \equiv kx^3 + (2 - k)x^2 + (a^2 - 1)\,x + \dfrac{b}{2}$

Work out the values of a, b and c.

[3 marks]

$a =$ _____ $b =$ _____ $c =$ _____