

8. To convert temperature from Celsius scale ($^{\circ}\text{C}$) to Fahrenheit scale ($^{\circ}\text{F}$) you multiply the Celsius temperature by $\frac{9}{5}$ and then add 32

(i) What is the Fahrenheit equivalent of 55°C ?

Answer: $^{\circ}\text{F}$ (2)

(ii) What is the Celsius equivalent of 77°F ?

Answer: $^{\circ}\text{C}$ (3)

9. The n th term of a sequence is $2n^2 - 1$

(i) Write down the twelfth term of the sequence.

Answer: (2)

(ii) What is the value of n when the n th term is equal to 799?

Answer: $n =$ (3)