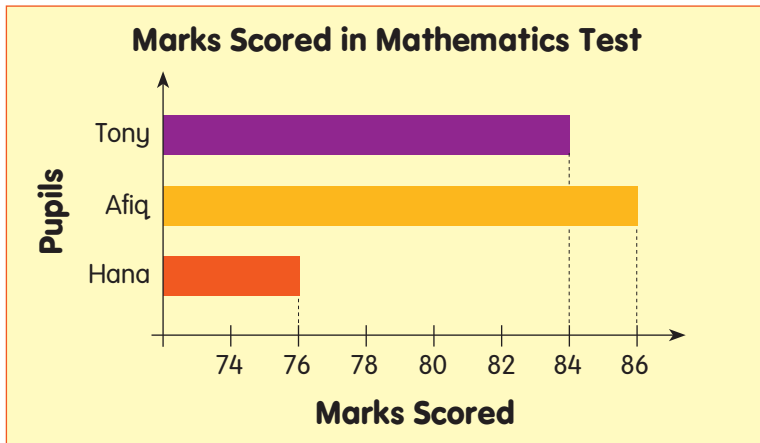


Example 2

The bar graph below shows the marks scored by 3 pupils in a Mathematics test.



Determine the range and the average marks scored by the pupils.

Pupils	Marks scored
Tony	84
Afiq	86
Hana	76

Maximum value is 86, and minimum value is 76.



$$\begin{aligned}\text{Range} &= \text{Maximum value} - \text{Minimum value} \\ &= 86 - 76 \\ &= \mathbf{10}\end{aligned}$$

The range is **10**.

$$\begin{aligned}\text{Average marks} &= \frac{84 + 86 + 76}{3} \\ &= \frac{246}{3} \\ &= 82\end{aligned}$$

The average marks is **82**.

Average marks is the total of marks divide by the number of pupils.

