The table given here shows the percentage of the height of boys and girls with age. For example, by the age of 11 years, a boy has reached 81 per cent of his full height while a girl has reached 88 per cent of her full height. By using the table provided, it is possible to calculate how much a person will grow in height up until the age of 18.

Age in years	% of full height	
	Boys	Girls
10	78%	84%
11	81%	88%
12	84%	91%
13	88%	95%
14	92%	98%
15	95%	99%
16	98%	99.5%
17	99%	100%
18	100%	100%

To further understand this information, refer to the graph provided which shows the percentage of full height achieved by boys and girls at different ages.

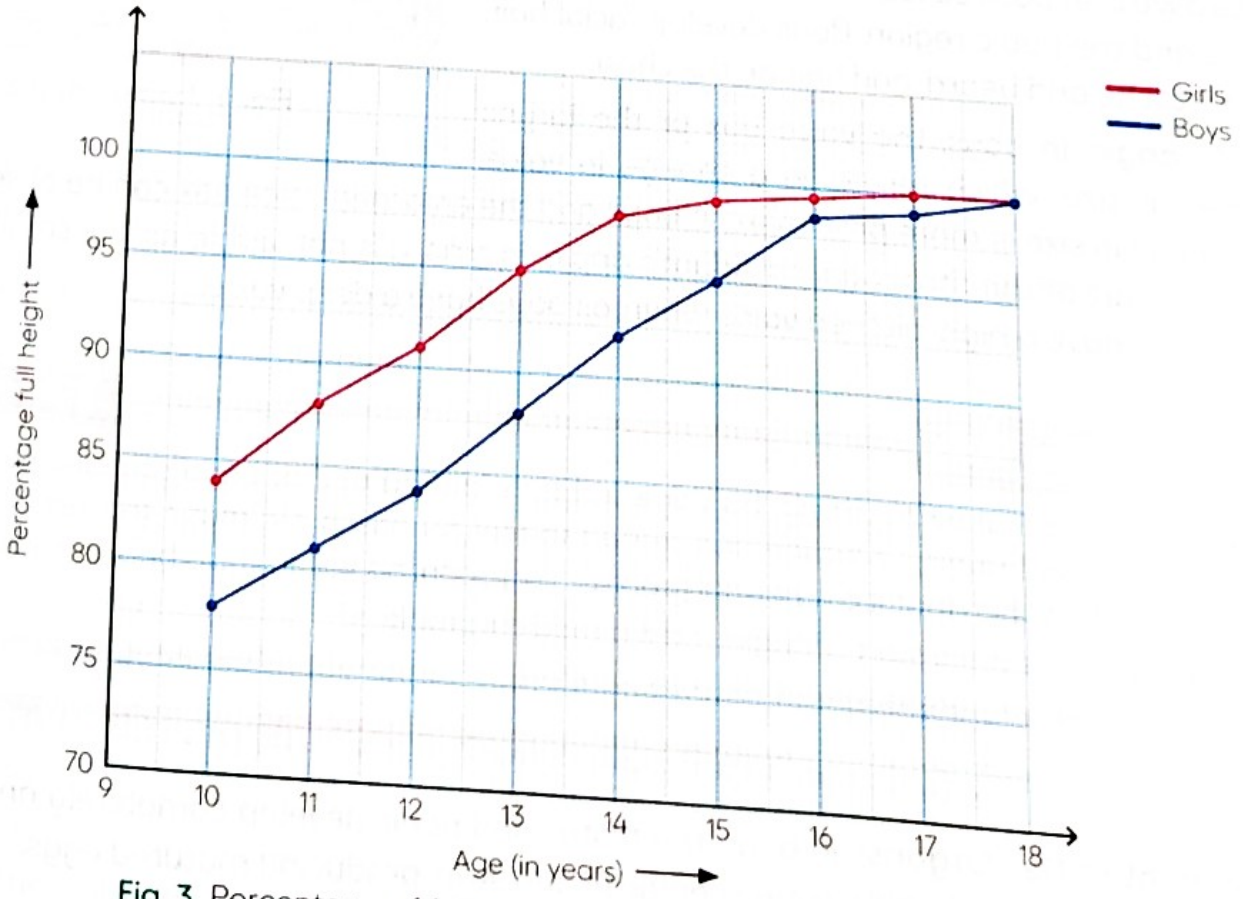

Fig. 3 Percentage of full height with age in boys and girls

If you know a person's current height and the percentage of their full height for their age, you can calculate their eventual full height using the formula:

$$\text{Calculation of full height (cm)} = \frac{\text{Present height (cm)}}{\text{\% of full height at this age (as per the chart)}} \times 100$$

For example, suppose a boy is 11 years old and 130 cm tall. At the end of the growth period, he is likely to be

$$\frac{130}{81} \times 100 = 160.49 \text{ cm tall.}$$

Experiential Learning

Act and Learn

First, determine the percentage for your age and measure your current height. Using this information, you can calculate the maximum height you will reach. The same calculations can be done for your classmates and friends.