

## Changing Years to Months and Weeks to Days

1  grew a tree from a seedling.

She recorded the growth of the tree.

Height	Time taken
1 m	1 year
2 m	1 year 6 months
5 m	3 years
10 m	5 years

(a) It took 1 year and 6 months for the tree to grow to 2 m.

$$\begin{aligned} 1 \text{ year } 6 \text{ months} &= \boxed{12} \text{ months} + \boxed{6} \text{ months} \\ &= \boxed{18} \text{ months} \end{aligned}$$

(b) The tree took 3 years to grow to 5 m.

$$\begin{aligned} 3 \text{ years} &= \boxed{3} \times \boxed{12} \text{ months} \\ &= \boxed{36} \text{ months} \end{aligned}$$

(c) How many months did the tree take to grow to 10 m?

$$\begin{aligned} 5 \text{ years} &= \boxed{5} \times \boxed{12} \text{ months} \\ &= \boxed{60} \text{ months} \end{aligned}$$

- 2 Holly, Amira and Lulu read *The Chronicles of Narnia* during the school holiday.



- (a) How many days did Holly take to finish reading the book?

$$1 \text{ week} = 7 \text{ days}$$

$$2 \text{ weeks} = \boxed{2} \times \boxed{7} \text{ days} = \boxed{14} \text{ days}$$

- (b) How many days did Lulu take to finish reading the book?

$$\begin{aligned} 3 \text{ weeks } 4 \text{ days} &= \boxed{21} \text{ days} + \boxed{4} \text{ days} \\ &= \boxed{25} \text{ days} \end{aligned}$$

- (c) How many days did Amira take to finish reading the book?

$$5 \text{ weeks} = \boxed{5} \times \boxed{7} \text{ days} = \boxed{35} \text{ days}$$