



Tom's dad sowed some tomato seed in February. He gave Tom one of the tomato plants in a pot.

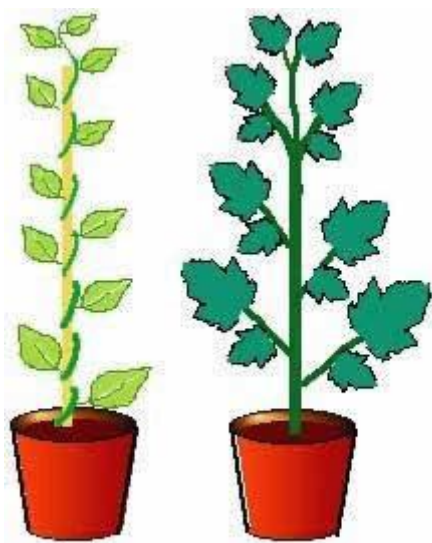
At the beginning of May, Tom put his tomato plant outside. On the same day he sowed a bean in another pot.

Ten days later the bean plant was just 1cm above the soil surface. Tom measured his tomato plant which was already 38cm tall.

Each evening Tom measured his two plants.

On the evening of the next day the little bean plant had grown another 2cm so it was 3cm high. Each day it grew double the amount it had grown the day before.

The tomato plant grew at a steady 5cm a day.



After how many days were the two plants the same height when Tom measured them in the evening? How high were they?