1. The average temperature for a week is 30°C. If the average of the first three days is 28°C and the last three days is 32°C, what is the temperature on the fourth day?

Sol:

   Part - 1
   • Sum of the Average temperature of a week
     $30 \times 7 = 210$

   Part - 2
   • Sum of the average temperature first 3 days
     $28°C \times 3 = 84$

   Part - 3
   • Sum of the average temperature of last 3 days
     $32°C \times 3 = 96$

   Part - 4
   • Summing up 1st 3 days T 84 + last 3 days T 96 = 180

   Part 5
   • Subtraction $180 - 210 = 30$

   Therefore, the temperature of the 4th day is
   30°C