

5.9.21

Exercise 5 (D) - word problems

No 4. On children's day, each child was given 15 chocolates. How many chocolates were given to 783 students?

one children given = 15 chocolate

783 children was given =

$$\begin{array}{r} 41 \\ 783 \\ \times 15 \\ \hline 3915 \\ + 7830 \\ \hline 11745 \end{array}$$

∴ There are 11745 given in students.

In a school there are 2345 students each in the primary, middle, senior and senior secondary sections respectively. How many students are there in all?

in a each section  $s = 2345$  students.

in 4 sections:

Total Number of students =

$$\begin{array}{r}
 2345 \times 4 = \\
 \phantom{2345} 112 \\
 \phantom{2345} 2345 \\
 \hline
 9380
 \end{array}$$

∴ There are 9380 students

Q. The heart beats 72 times in a minute in a healthy person. How many times will it beat in an hour?

Number of time heart beats in a minute = 72

Number of time heart beats in a hour = 60.

Total Number of time = 72 x 60

$$\begin{array}{r} 72 \\ \times 60 \\ \hline 00 \\ + 4320 \\ \hline 4320 \end{array}$$

∴ There are 4320 beat in a hour.

A box contains 112 chocolates  
how many chocolates will be  
there 42 such boxes?

one box contains 112 chocolates.

Total number of chocolates  
contain in 42 boxes.

$$\begin{array}{r} 112 \\ \times 42 \\ \hline 224 \\ +4480 \\ \hline 4704 \end{array}$$

∴ There are 4704 chocolates  
contain in 42 boxes