

# Exercise - 5.19

Dt. 08.09.21



(A) Solve these word problems.

(1) Total number of stamps = 96

Reena pastes stamps on one page = 6

Number of pages she will need  
 $= 96 \div 6 = 16$

$$\begin{array}{r} 16 \\ 6 \overline{)96} \\ \underline{-6\downarrow} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

Ans  $\rightarrow$  She will need 16 pages to paste 96 stamps.

(2) Total number of trees = 75

Equally planted in = 3 rows

Number of trees planted in

$$\text{each row} = 75 \div 3 \\ = 25$$

$$\begin{array}{r} 25 \\ 3 \overline{)75} \\ \underline{-6\downarrow} \\ 15 \\ \underline{-15} \\ 0 \end{array}$$

Ans: - Mr. James planted 25 trees in each row.

(3) Total amount of money collected = ₹ 749

Number of children = 7

If all of them collected the same amount,

Each child collected =

$$749 \div 7 = 107$$

$$\begin{array}{r} 107 \\ 7 \overline{)749} \\ \underline{-7\downarrow} \\ 04 \\ \underline{-0\downarrow} \\ 49 \\ \underline{-49} \\ 0 \end{array}$$

Ans: - Each child collected ₹ 107.

(4) Total number of photos = 120

Equally put in packets = 9

Number of photos put in

$$\text{each packet} = 120 \div 9$$

Ans: - The photographer put 13 photos in each packet and 3 were left over.

$$\begin{array}{r} 13 \\ 9 \overline{)120} \\ \underline{-9\downarrow} \\ 30 \\ \underline{-27} \\ 3 \end{array}$$

5) Total number of chairs = 405  
 Number of rows = 5  
 Number of chairs arranged in each row =  $405 \div 5$   
 $= 81$

$$\begin{array}{r} 81 \\ 5 \overline{)405} \\ \underline{40} \phantom{0} \\ 05 \\ \underline{05} \\ 0 \end{array}$$

Ans → The host arranged 81 chairs in each row.

6) Total number of packets produced = 5832  
 Equally produced packets of = 4 kinds  
 Number of bread packets of each type =  $5832 \div 4$   
 $= 1458$

$$\begin{array}{r} 1458 \\ 4 \overline{)5832} \\ \underline{4} \phantom{00} \phantom{0} \phantom{0} \\ 18 \phantom{0} \phantom{0} \\ \underline{16} \phantom{0} \phantom{0} \\ 23 \phantom{0} \\ \underline{20} \phantom{0} \\ 32 \\ \underline{32} \\ 0 \end{array}$$

Ans → There are 1458 bread packets of each type.

7) Total number of students = 9171  
 Number of clubs in the school = 9  
 If each club has equal number of members,  
 Number of students in each club =  $9171 \div 9$

$$\begin{array}{r} 1007 \\ 9 \overline{)9171} \\ \underline{9} \phantom{00} \phantom{0} \\ 1 \phantom{0} \phantom{0} \\ \underline{0} \phantom{0} \phantom{0} \\ 7 \phantom{0} \\ \underline{0} \phantom{0} \\ 71 \\ \underline{63} \\ 8 \end{array}$$

Ans → 1007 students are the members of each club and 8 students are left over.

8) Total number of books = 8888  
 Number of books each child got = 8  
 Number of children =  $8888 \div 8 = 1111$

$$\begin{array}{r} 1111 \\ 8 \overline{)8888} \\ \underline{8} \phantom{00} \phantom{0} \phantom{0} \\ 08 \phantom{0} \phantom{0} \\ \underline{08} \phantom{0} \phantom{0} \\ 08 \\ \underline{08} \\ 00 \end{array}$$

Ans → There were 1111 children.