



Self Practice 4B

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1. Copy and multiply:

(a) 1943

$\times 6$

(b) 8598

$\times 4$

(c) 6009

$\times 6$

(d) 58799

$\times 8$

(e) 877

$\times 25$

(f) 291

$\times 48$

(g) 3845

$\times 61$

(h) 8601

$\times 22$

Solution 1:-

(a) $\begin{array}{r} \textcircled{5} \textcircled{2} \textcircled{1} \\ 1943 \\ \times \quad 6 \\ \hline 11,658 \end{array}$

(c) $\begin{array}{r} \textcircled{5} \\ 6009 \\ \times \quad 6 \\ \hline 36,054 \end{array}$

(d) $\begin{array}{r} \textcircled{7} \textcircled{6} \textcircled{7} \textcircled{7} \\ 58799 \\ \times \quad 8 \\ \hline 4,70,392 \end{array}$

(f) $\begin{array}{r} \textcircled{3} \\ \textcircled{7} \\ 291 \\ \times 48 \\ \hline 2328 \\ 11640 \\ \hline 13,968 \end{array}$

(g) $\begin{array}{r} \textcircled{5} \textcircled{2} \textcircled{3} \\ 3845 \\ \times 61 \\ \hline 3845 \\ 23070 \\ \hline 2,34,545 \end{array}$

Solve the following.

2. A total of 2718 students studying in a school contributed ₹ 75 each for the flood relief fund. Find the total amount collected.

Solution2:- Amount contributed by 1 student = ₹ 75

Amount contributed by 2718 students = 2718×75

$$\begin{array}{r} 2718 \\ \times 75 \\ \hline 13590 \\ 19026x \\ \hline 203850 \end{array}$$

Therefore, the total amount collected is ₹ 2,03,850

3. Each day 115 airplanes depart from an airport. How many planes depart in a year (365 days)?

Solution3:-

1 year = 365 days

No. of airplanes depart in 1 day = 115

No. of airplanes depart in 365 days = 365×115

$$\begin{array}{r} 365 \\ \times 115 \\ \hline 1825 \\ 365x \\ 365xx \\ \hline 41975 \end{array}$$

Therefore, 41,975 planes depart in a year.

4. There are 275 balloons in a pack. How many balloons are there in two dozen such packs?

Solution4:-

$$\begin{aligned} 1 \text{ dozen} &= 12 \\ 2 \text{ dozen} &= 12 \times 2 = 24 \end{aligned}$$

No. of balloons in 1 pack = 275

No. of balloons in 24 packs = 275×24

$$\begin{array}{r} \times \\ \times \\ \hline 1100 \\ 550 \\ \hline 6600 \end{array}$$

Therefore, in two dozen packets there are 6,600 balloons.

5. A bakery bakes 1123 loaves of bread in a day. How many loaves of bread will the bakery bake in 6 weeks?

This question is homework

6. 123 men and 284 women went to an amusement park. The cost of each entry ticket was ₹ 55. How much money was collected in all?

This question is homework

7. The rent payable for a hostel room is ₹ 825 per month. How much rent is paid in 1 year?

Solution7:-

$$1 \text{ year} = 12 \text{ months}$$

Rent paid for one month = ₹ 825

Rent to be paid for 12 months = ₹ 825 x 12

$$\begin{array}{r} \mathbf{1} \\ 825 \\ \underline{ \times 12} \\ \mathbf{1} \\ 1650 \\ \underline{825 \times} \\ \underline{9900} \end{array}$$

Therefore, ₹ 9,900 rent is paid in one year.