

1. 239 bags of cement can be loaded in a wagon. How many wagons are required to load 8365 bags?

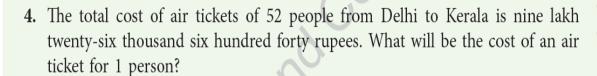
### **Solution 1:-**

No. of cement bags = &	3365	
In one wagon no. of cement bags loaded = 239		
So, no. of wagons required	to load 83	
35	134.67	Rough
239 8 3 6 5	-2.080	239XI= 239
-7171	1917	239X2 = 478
1195		239x3 = 717
-1195		239x4 = 956
0000	VO 80 10	239×5 = 1195
35 wagons are requis	red to load	8365 bags.

**3.** 765564 books are to be arranged equally in shelves. If 487 books are arranged in each shelf, how many shelves will be needed?

## **Solution 3:-**

Total no. of books to be arou	
No. of books averanged in or	ne shelf = 487
to, no of shelves needed to ave	ange books = 765564 = 487
D	
1572	
487) 765564	487×1= 487
-4871	487×2 = 974
2785	487×3 = 1461
	487×4 = 1948
0355	487x5 = 2435
- 34094	5 4 487 x6 = 2922
00974	487 x7 = 3409
-974	487x8 = 3896
	487×9 = 4183
	7817 - 4165





# **Solution 4:- This question is homework.**

**5.** An engine pumps out 875 litres of water per minute. How much time will it take to pump out 1312500 litres of water?

#### **Solution 5:-**

aken taken to pump out 13,12,500	L of water = 1312500 ÷ 8
1500 875) 13 12 500	
- 875 \	875XI = 875
X4375	875 x 2 = 1750
- 4375	875 x 3 = 26 2 5
00000	875 x 4 = 3500
-0	875×5 = 4375
00	
-00	
00	
and the second	

**6.** In a division sum, the divisor is 63, the quotient is 857 and remainder is 27. What is the dividend?

## **Solution 6:-**

Divisor = 63	39
Quotient = 857	x 63 2571
Remainder = 27	5142X 53991
Dividend = Divisor x Quotient + Remainder	00
$= 63 \times 857 + 27$ $= 53991 + 27$	5 3 9 9 1
= 54018	54018

Q7, Q8, Q9 and Q10 are omitted