1. Find the mean of the following distribution:

x	f
4	5
6	10
9	10
10	7
15	8

Teach san ban

2. Find the mean of the following distribution:

x	f
7	7
30	8
50	10
70	15
89	10

3. The following table gives the number of children of 150 families in a village:

No. of children	No. of families
0	10
1	21
2	55
3	42
4	15
5	7
Total	150

Find the average number of children per family.

4. The number of students absent in a class were recorded every day for 120 days and the information is given in the following frequency table:

No. of students absent	No. of days
0	1
1	4
2	10
3	50
4	34
5	15
6	4
7	2
Total	120

Find the mean number of students absent per day.

5. Find the mean of the following distribution:

x	10	12	20	25	35
f	3	10	1	7	5

6. If the mean of the following data is 25, find the missing frequency k:

x	5	15	25	35	45
f	3	k	3	6	2

7. The mean of the following data is 21, find the value of p:

x	10	15	20	25	35
f	p	10	26	10	8

8. Find the missing frequency (p) for the following distribution whose mean is 7.68:

x	3	5	7	9	11	13
f	6	8	15	p	8	4

9. If the mean of the following distribution is 6, find the value of p:

x	2	4	6	10	$p+5$
f	3	2	3	1	2

10. The average weight of the following distribution is 58.5 kg. Find x.

Weight (in kg)	Number of Men
50	1
55	4
60	2
$x + 12.5$	2
70	1
Total	10

Answers

1. 9
2. 54.58
3. 2.35
4. 3.43
5. 20
6. $k = 4$
7. $p = 6$
8. $p = 9$
9. $p = 7$
10. $x = 50$.