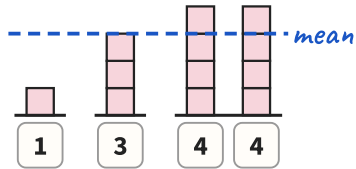


Mean from a Frequency Table

ANSWERS

1

Find the mean.

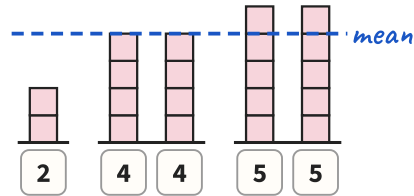


Value	Frequency	Frequency × value
1	1	$1 \times 1 = 1$
3	1	$1 \times 3 = 3$
4	2	$2 \times 4 = 8$
Total	4	12

$$\text{Mean} = 12 \div 4 = 3$$

2

Find the mean.

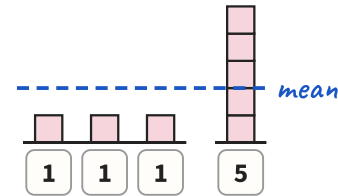


Value	Frequency	Frequency × value
2	1	$1 \times 2 = 2$
4	2	$2 \times 4 = 8$
5	2	$2 \times 5 = 10$
Total	5	20

$$\text{Mean} = 20 \div 5 = 4$$

3

Find the mean.

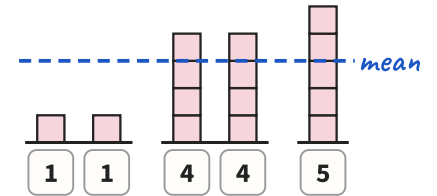


Value	Frequency	Frequency × value
1	3	$3 \times 1 = 3$
5	1	$1 \times 5 = 5$
Total	4	8

$$\text{Mean} = 8 \div 4 = 2$$

4

Find the mean.

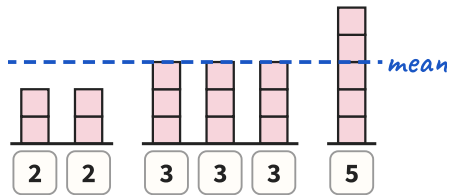


Value	Frequency	Frequency × value
1	2	$2 \times 1 = 2$
4	2	$2 \times 4 = 8$
5	1	$1 \times 5 = 5$
Total	5	15

$$\text{Mean} = 15 \div 5 = 3$$

5

Find the mean.

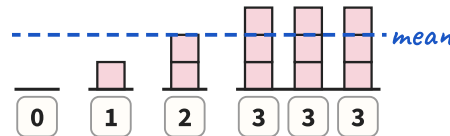


Value	Frequency	Frequency × value
2	2	$2 \times 2 = 4$
3	3	$3 \times 3 = 9$
5	1	$1 \times 5 = 5$
Total	6	18

$$\text{Mean} = 18 \div 6 = 3$$

6

Find the mean.

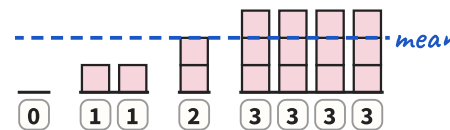


Value	Frequency	Frequency × value
0	1	$1 \times 0 = 0$
1	1	$1 \times 1 = 1$
2	1	$1 \times 2 = 2$
3	3	$3 \times 3 = 9$
Total	6	12

$$\text{Mean} = 12 \div 6 = 2$$

7

The table shows Mo's goals in eight games. Find the mean.

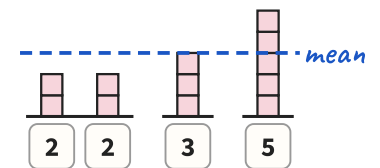


Goals	Frequency	Frequency × value
0	1	$1 \times 0 = 0$
1	2	$2 \times 1 = 2$
2	1	$1 \times 2 = 2$
3	4	$4 \times 3 = 12$
Total	8	16

$$\text{Mean} = 16 \div 8 = 2$$

8

Count the towers. Fill in the table. Find the mean.



Value	Frequency	Frequency × value
2	2	$2 \times 2 = 4$
3	1	$1 \times 3 = 3$
5	1	$1 \times 5 = 5$
Total	4	12

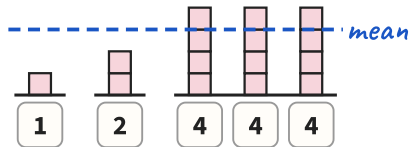
$$\text{Mean} = 12 \div 4 = 3$$

Mean from a Frequency Table *further practice*

ANSWERS

9

Find the mean.

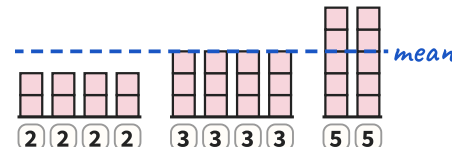


Value	Frequency	Frequency × value
1	1	$1 \times 1 = 1$
2	1	$1 \times 2 = 2$
4	3	$3 \times 4 = 12$
Total	5	15

Mean = $15 \div 5 = 3$

10

Find the mean.

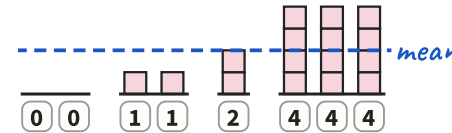


Value	Frequency	Frequency × value
2	4	$4 \times 2 = 8$
3	4	$4 \times 3 = 12$
5	2	$2 \times 5 = 10$
Total	10	30

Mean = $30 \div 10 = 3$

11

The table shows the pets of eight students. Find the mean.

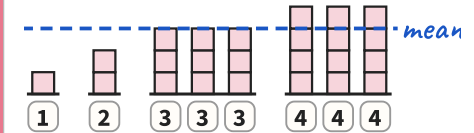


Pets	Frequency	Frequency × value
0	2	$2 \times 0 = 0$
1	2	$2 \times 1 = 2$
2	1	$1 \times 2 = 2$
4	3	$3 \times 4 = 12$
Total	8	16

Mean = $16 \div 8 = 2$

12

The table shows the people in eight cars. Find the mean.

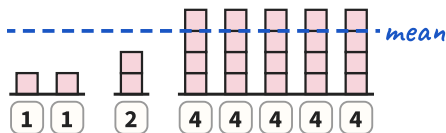


People	Frequency	Frequency × value
1	1	$1 \times 1 = 1$
2	1	$1 \times 2 = 2$
3	3	$3 \times 3 = 9$
4	3	$3 \times 4 = 12$
Total	8	24

Mean = $24 \div 8 = 3$

13

The table shows the hours of sport eight students do. Find the mean.



Hours	Frequency
1	2
2	1
4	5

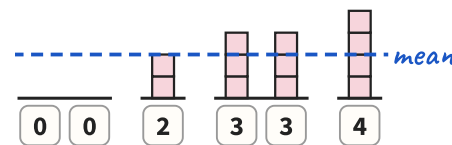
$2 + 2 + 20 = 24$

$24 \div 8 = 3$

Answer 3 hours

14

Find the mean.



Value	0	2	3	4
Frequency	2	1	2	1

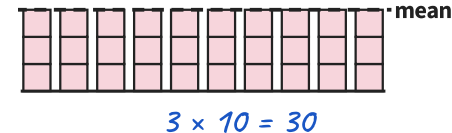
$0 + 2 + 6 + 4 = 12$

$12 \div 6 = 2$

Answer 2

15

Ten students have a mean of 3 pets. How many pets do they have in total?

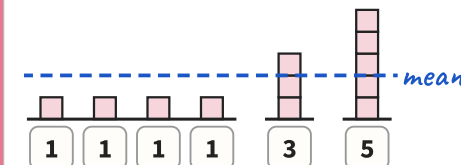


$3 \times 10 = 30$

Answer 30

16

Tara writes $1 + 3 + 5 = 9$ and $9 \div 3 = 3$. What has she done wrong?



Value	1	3	5
Frequency	4	1	1

Tara has not used the frequencies. $12 \div 6 = 2$

Right answer 2