

Look Back

Student's Book p.233

Mrs Lim asked 20 students about their favourite toys.



Trucks	Trucks	Cooking set	Cooking set	Soft toy
Cooking set	Building toy	Trucks	Trucks	Cooking set
Trucks	Building toy	Soft toy	Cooking set	Trucks
Soft toy	Cooking set	Building toy	Building toy	Trucks

Truck: 7, cooking set: 6, soft toy: 3, building toy: 4

Show the data using a tally chart. Draw and show your partner.

favourite toy	tally	frequency
Truck		7
cooking set		6
soft toy		3
building toy		4

Thinking Cap



Mrs Lim wants to show the number of students who like each toy too. How can she use the tally chart to show? What makes you say so? Explain.



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•How can Mrs Lim use the tally chart to show the number of students who like each toy?

Count the number of tallies in the tally chart and write the number beside the tally chart.

•Is it easier to understand the data from the table, the tallies or the numbers?

From the numbers. One can tell the number of children who like each toy straightaway.

Let's Learn

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- a 30 students are asked how they get to school.
The data collected is recorded in a **tally chart**.



Count the tallies for each mode of transport

How students get to school	Tally	<u>Frequency</u>
Walking	//// // //	12
Car	//// /	6
Bus	//// ///	8
Bicycle	////	4

Count the tallies to find the frequency. Then show the number in a new column.



This table is called a frequency table.

frequency table

Frequency refers to the number of tallies. This number is included in another column in a tally chart to form a **frequency table**.

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- b** The table below shows the number of books 36 students read in a week.

0	4	2	2	1	4	1	4	5	2	3	1
3	2	5	0	1	0	1	2	3	4	2	0
1	2	4	1	3	3	2	1	3	2	2	1

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Complete the frequency table.

Number of Books Read	Tally	Frequency
0	////	4
1	### ////	9
2	### ###	10
3	### /	6
4	###	5
5	//	2




10 students read 2 books in a week.





2 students read 5 books in a week.

Let's Practise

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- I The table shows the favourite food of 24 students.
Complete the frequency table.

Food	Tally	Frequency
	 	7
	 	8
	 	5
		4

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- 2 Eddy draws a tally chart and frequency table to show the number of toys 30 children have. His sister spills some ink on it.

Number of Toy Cars	Tally	Frequency number of children	Number of toy cars	Tally	Frequency
6	###	7	6		7
7	###	10	7		10
8		5	8		5
9		?	9		4
10		4	10		4

Help Eddy to draw a new tally chart and frequency table.

$$7 + 10 + 5 + 4 = 26$$

$$30 - 26 = 4$$

$$26 + ? = 30$$

The total number of children is 30.

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3 Izzy wants to know the most popular fruit among her 8 friends. They give her 8 different answers.



a Izzy wants to use a frequency table to show the data.

Do you think she should use a frequency table? Explain.



b What can Izzy do to better show the most popular fruit using a frequency table?

a) No, Izzy should not use a frequency table because the frequency for each fruit is only one. So, a frequency table is not necessary.

b) Izzy can give a list of fruits (for example 4 fruits) for her friends to choose from or she can ask more friends.