

Show Data using Tally Charts and Frequency Tables

Level 1 Level 2 Level 3

- I Complete the tally chart and frequency table.

If you are not sure, you can refer to Student's Book pages 233 to 236.



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Favourite Hobby	Tally	Frequency
Cycling	//	7
Jogging	/	11
Swimming	//	9
Dancing		3

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2 The table below shows the number of days 24 children went to the playground.



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4	5	4	2	4	5	5	1
3	3	5	0	7	4	3	6
4	6	1	1	3	4	2	6

Complete the tally chart and frequency table.

Number of days in a week	Tally	Frequency
0	/	1
1		3
2		2
3		4
4	/	6
5		4
6		3
7	/	1

Remember to
strike off the
data once it is
included in the
tally chart.



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3 The table shows the favourite sports of 32 students.

badminton	ping-pong	badminton	basketball	badminton	football	football	ping-pong
volleyball	ping-pong	football	basketball	ping-pong	basketball	volleyball	ping-pong
football	football	ping-pong	volleyball	ping-pong	ping-pong	badminton	football
badminton	basketball	football	badminton	badminton	football	football	badminton

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Complete the table below.

Sports	Tally	Frequency
Basketball		4
Table tennis		8
Volleyball	///	3
Football		10
Bowling		7

Do not give up
if you cannot
identify the sports.
Find the tally for
football first!



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4 Mia and Ken want to find out which cupcake shop sells more cupcakes. They record the number of cupcakes sold in both Shop A and Shop B over five days.

- On Sunday, Shop A sold 15 cupcakes and Shop B sold 10 cupcakes.
- On Monday, Shop A sold 18 cupcakes and Shop B sold 8 cupcakes.
- On Tuesday, Shop A sold 16 cupcakes and Shop B sold 12 cupcakes.
- On Wednesday, Shop A sold 16 cupcakes and Shop B sold 9 cupcakes.
- On Thursday, Shop A sold 20 cupcakes and Shop B sold 15 cupcakes.



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a Use the data to complete the frequency table.

Day	Frequency for Shop A	Frequency for Shop B
Sunday	15	10
Monday	18	8
Tuesday	16	12
Wednesday	16	9
Thursday	20	15

Is a frequency table useful for comparing between 2 sets of data? Why?



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b Mia finds the total frequencies for five days for each shop and compares the numbers to find out which shop sells more cupcakes.

Ken compares the frequency for each day to find out which shop sells more cupcakes.

Whose method is easier? Use the method that you choose to decide which cupcake shop sells more cupcakes.

Ken's method is easier. On Sunday, Shop A sells 5 more cupcakes. On Monday, Shop A sells 10 more cupcakes. On Tuesday, Shop A sells 4 more cupcakes. On Wednesday, Shop A sells 7 more cupcakes. On Thursday, Shop A sells 5 more cupcakes. So, Shop A sells more cupcakes than Shop B.