

Lesson 1 – Can I make and interpret tally charts?

RED

A children's shoe shop took a survey of their customers shoe size over one day. Here is a list of their responses.

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

Complete this tally chart using the list above.

| Shoe size | Tally | Frequency |
|-----------|-------|-----------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |

Use the information in the tally chart to answer the questions below.

- 1) Which shoe size was most popular? _____
- 2) Which shoe size was the least popular? _____
- 3) What was the largest shoe size? _____
- 4) What was the smallest shoe size? _____

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YELLOW

A children's shoe shop took a survey of their customers shoe size over one day. Here is a list of their responses.

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | 2 | 2 | 2 | 1 | 3 | 1 |
| 2 | 2 | 3 | 4 | 1 | 2 | 3 |
| 2 | 2 | 1 | 1 | 3 | 1 | 3 |
| 5 | 1 | 2 | 3 | 4 | 2 | 1 |

Draw a tally chart in the space below to show the information above.

Use the information in the tally chart to answer the questions below.

- 1) Which shoe size was most popular? _____
- 2) Which shoe size was the least popular? _____
- 3) What was the largest shoe size? _____
- 4) What was the smallest shoe size? _____
- 5) How many more children had size 2 shoes than had size 4 shoes? _____
- 6) How many fewer children had size 5 shoes than size 1 shoes? _____

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GREEN

A children's shoe shop took a survey of their customers shoe size over one day. Here is a list of their responses.

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | 2 | 2 | 2 | 1 | 3 | 1 |
| 2 | 2 | 3 | 4 | 1 | 2 | 3 |
| 2 | 2 | 1 | 1 | 3 | 1 | 3 |
| 5 | 1 | 2 | 3 | 4 | 2 | 1 |

Draw a tally chart in the space below to show the information above.

Use the information in the tally chart to answer the questions below.

- 1) Which shoe size was most popular? _____
- 2) Which shoe size was the least popular? _____
- 3) What was the largest shoe size? _____
- 4) What was the smallest shoe size? _____
- 5) How many more children had size 2 shoes than had size 4 shoes? _____
- 6) How many fewer children had size 5 shoes than size 1 shoes? _____
- 7) How many customers did the shop have on the day of the survey? _____
- 8) Order the shoe sizes from most popular to least popular? _____

_____, _____, _____, _____, _____