SETScholars Math Worksheet

Class / Year / Grade 1 – Worksheet 36

Representing Data using Tables and Charts

Tables, graphs, and charts are an easy way to clearly show data. These are used to organise information, to show patterns, and to present relationships.

Data are characteristics or information, usually numerical, that are collected through observation.

Tables are the simplest way to represent data. A table compiles all the data into columns and rows so that it can be easily interpreted.

FASHION STORE

To make a table, first decide how many rows and columns are needed to clearly display the data. To do this, consider how many variables are included in the data set.

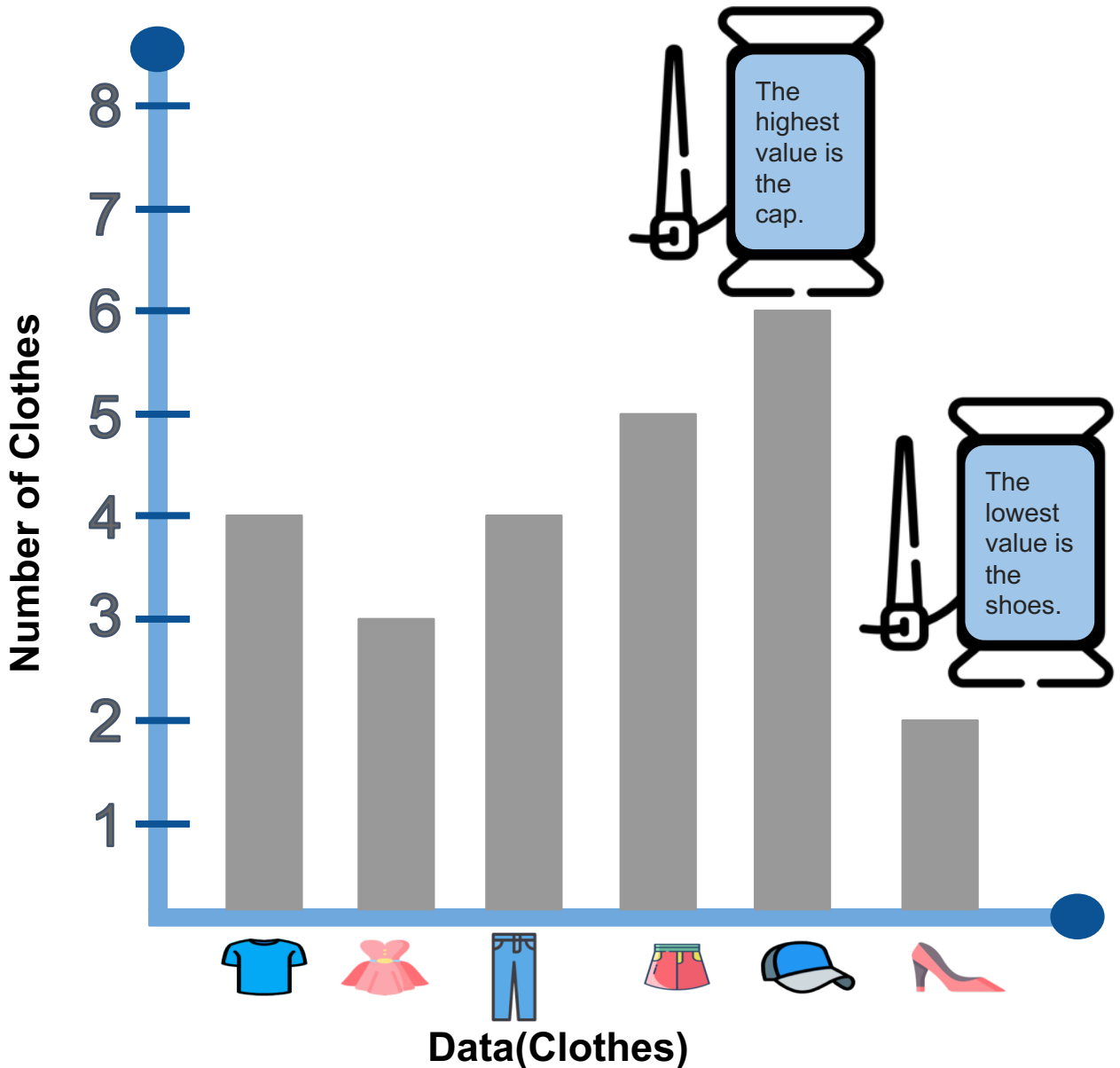| ITEMS	TALLY	TOTAL
👕	||||	4
👗	|||	3
👖	||||	4
👗	||||	5
🧢	|||| - |	6
👠	||	2

Clothing Boutique

The biggest number of items that were brought in the boutique is the **cap** that gets **6,** while the smallest is the **shoes** that get **2**.

Presenting data using chart

Charts are perfect for comparing one or many value sets. These can easily show the low and high values in the data sets.

The highest value is the cap.

The lowest value is the shoes.

Number of Clothes

8
7
6
5
4
3
2
1

Data(Clothes)

Tally the number of each kind of clothes. Write the total in the table below.

Clothes	Tally	Total
👕👕👕👕👕	ⵉⵉⵉⵉ	5
👗👗		
🩳🩳🩳🩳		
🧥🧥🧥		

Color the chart to show the number of clothes (data).
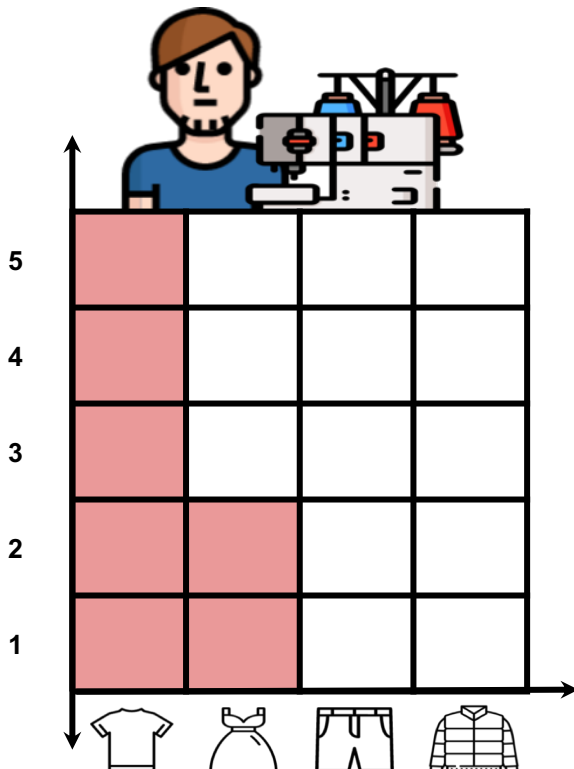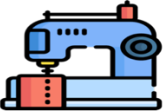
Use the chart to answer the question below.
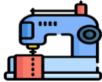
1. How many 👗 are there ?__**2**____

1. How many 🩳 and 🧥 are there?_**4 shorts and 3 jackets**_

1. Which item have the least number? _____

1. Which item have the most number? _____

SEWING TOOLS

Write each total to complete the tally chart. Answer the questions that follow.

Sewing Tools		Total
Sewing Machine	Ⅳ - ⅠⅠⅠⅠ	
Sewing Fabric	Ⅳ - ⅠⅠⅠ	

1. How many 🧵 are in the table? _____

1. How many 🪡 are in the table? _____

1. How many 🧵 and 🪡 are there altogether?

   _____

1. How many more 🪡 are there than 🧵 ?

   _____

1. There are fewer 🧵 than 🪡 ? Circle your answer.

   TRUE   **FALSE**

WHICH CLOTHES

Find and graph the clothes by coloring the table below. Answer the questions that follow.
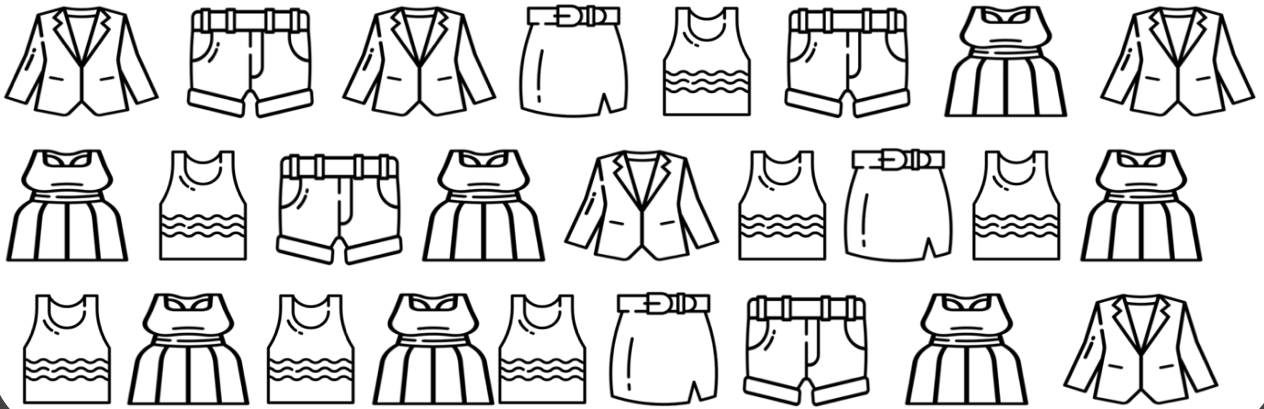
1. Which of the clothes has the most number, in terms of quantity?

_____

1. Which of the clothes has the least number, in terms of quantity?

_____

1. Which clothes has the same number?

_____

HATS COLLECTION

Color the table according to the tally marks.

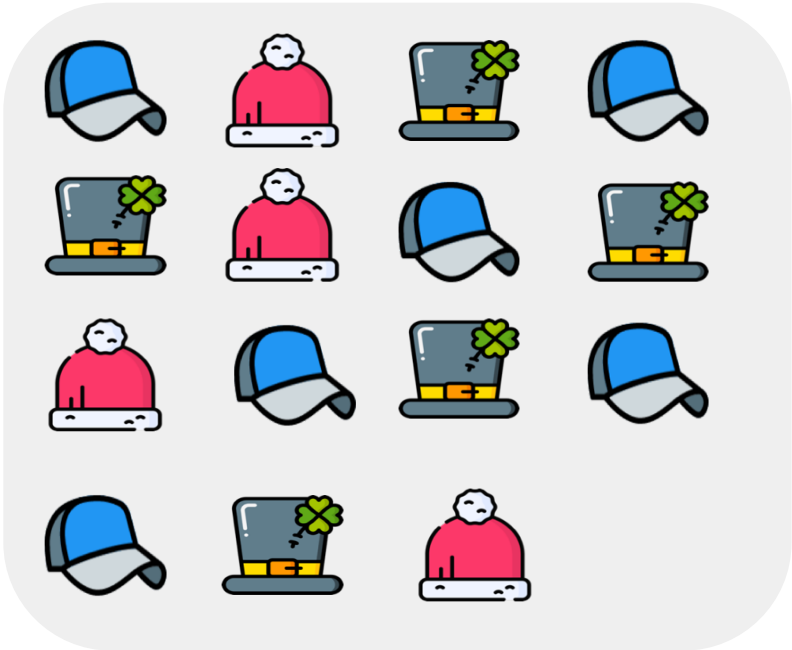| Hats Collection	
	ⅢⅠ-Ⅰ
	‖‖
	ⅢⅠ

	0	1	2	3	4	5	6	7
cap								
beanie								
top hat								

SURVEY

Albert takes a survey about the favorite clothes worn by his friends. Using the given information, write the title of the chart and then graph the data.

t-shirt	polo	pants	dress	shorts
8	14	12	4	18

BELONGINGS

Names	Footwear	Hats
Abby		
Chris		
Julia		

Encircle the correct answers.

1. Which footwear belongs to Abby?

1. Which hat belongs to Julia?

1. Whose footwear is a 🥾 ?   Abby   Chris   Julia

1. Which hat belongs to Abby?

CLOTHYLLABLE

Look at the pictures below. Cut and paste each of these pictures on the chart to show if the word has one, two, or three syllable word.

One Syllable	One Syllables	Three Syllables

✂

sunglasses

dress

hat

jacket

swimsuit

t-shirt

slippers

pants

handkerchief

shoes

ASHLEY'S BOUTIQUE

Look at the pictures from Ashley's Boutique. Count and record the numbers of each clothes in the tally chart below.

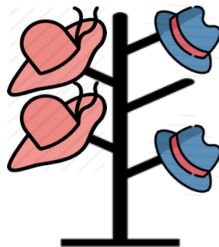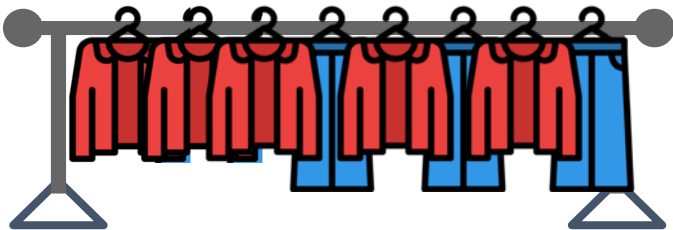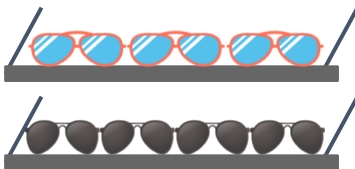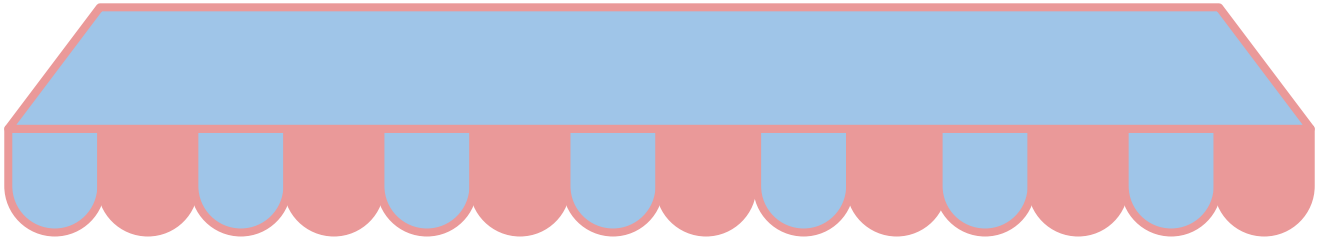| Types of Clothes	Tally	Total
Blouse		
Pants		
Hat		
Shoes		
Sunglasses		
Grand Total		

FOOTWEAR

Use the following data on the table to complete the picture graph.

Rubber Shoes	Boots	Slippers	High Heels	Flat Shoes
7	8	7	6	4
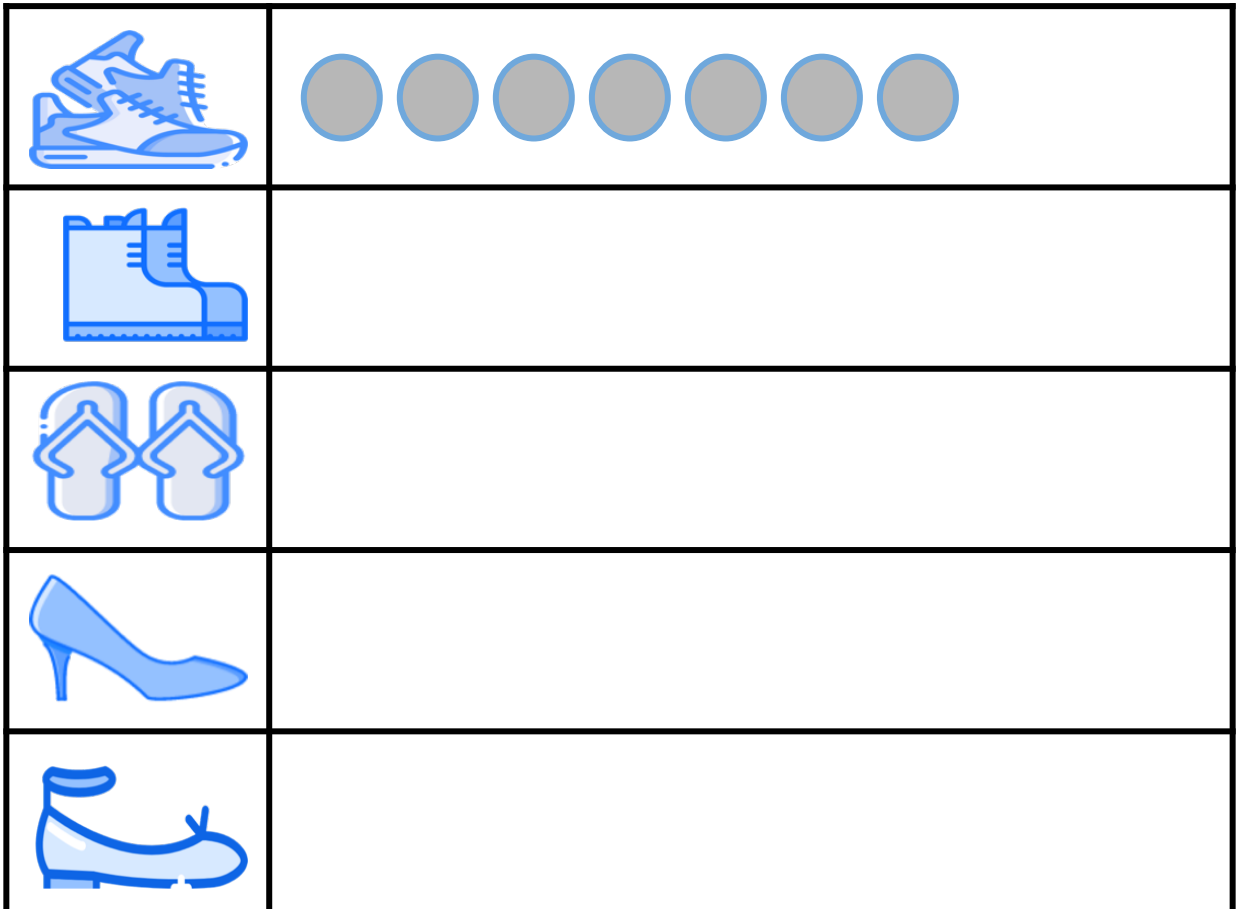
Each ⬤ stands for 1 pair of footwear.

SPORTSWEAR

Kid's Favorite Sportswear
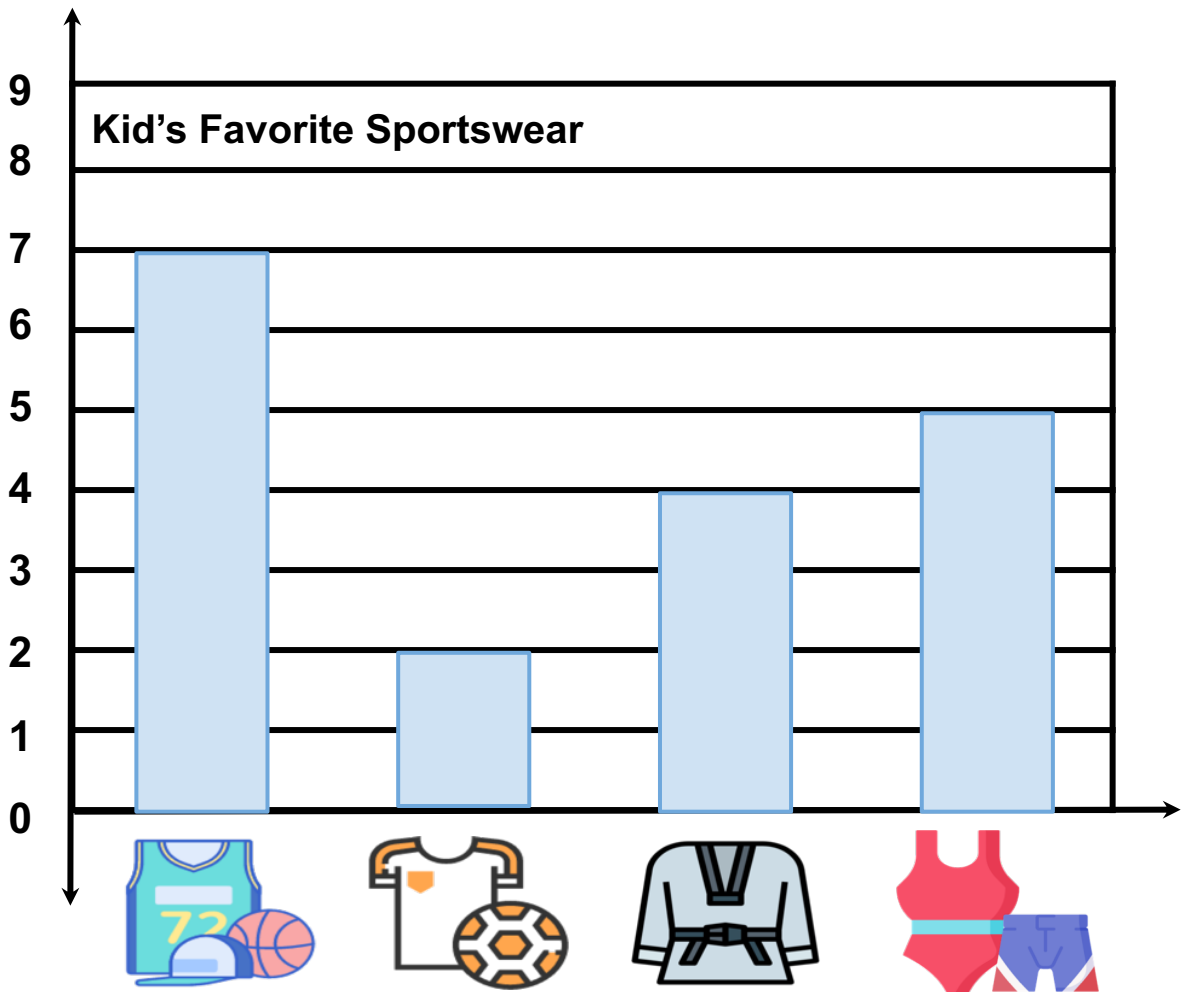
1. How many kids liked swimwear? _____
2. Which sportswear did most kids like? _____
3. Which sportswear did the kids like the least? _____
4. How many kids like soccer sports wear? _____
5. How many kids like either taekwondo? _____
6. What is the total number of kids who like basketball and soccer sportswear? _____

SPIN IT

polo	卌 |||||
suit	卌 ||
skirt	卌 |||
shorts	卌 ||

Analyze and interpret the data.

1. How many suits are there in total? _____
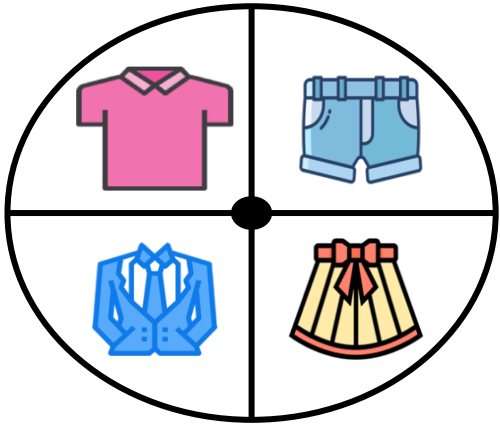2. How many shorts are there in total? _____
3. How many polo shirts are there?
4. What is the difference in number between the polo and skirt?
5. Write one question you could ask a friend about your data.

_____
_____
_____

10				
9				
8				
7				
6				
5				
4				
3				
2				
1				