

Collecting and Organizing Data

Data are facts or information.

Here are some ways to collect data.

- You can count
- You can measure
- You can ask questions

You can collect data in a **chart**.

Let's collect some data from cars ...

During your next car trip, pay attention to the cars in the street. Which car brands can you spot? Which brands are most popular?

1. Use the tally chart below to record how many of each car brand you spot.

Most Popular Cars Brands on the road		
Car Brand	Tally	Number of Cars
Toyota		
Nissan		
Chevrolet		
Range Rover		
KIA		

2. How many luxury brands can you spot on the road or in your neighbourhood? Record your data in the tally chart

Most Popular Cars Brands in your neighbourhood		
Car Brand	Tally	Number of Cars
Mercedes Benz		
Lexus		
Porche		
Other		

3. Use the tally chart below to record the vehicles you spot.

sedan		
SUV		
Vehicle		
Truck		
Van/Bus		

4. How many luxury brands can you spot on the road or in your neighbourhood? Record your data in the tally chart

	Tally	Number of Cars
Mercedes Benz		
Lexus		
Porche		
Bentley		

Cars in Your Neighbourhood

UNIT PROBLEM

Part 1

- ✚ Have a look around your neighbourhoods and notice the different vehicles
- ✚ Decide on what type of data you want to collect.

Below are some ideas:

- most popular car brands (e.g. Toyota, Honda, Nissan etc.)
- most popular type of vehicle (sedan, SUV, van, truck, etc.)
- preferred car colours
- Luxury cars in the neighbourhood

I will collect data on _____

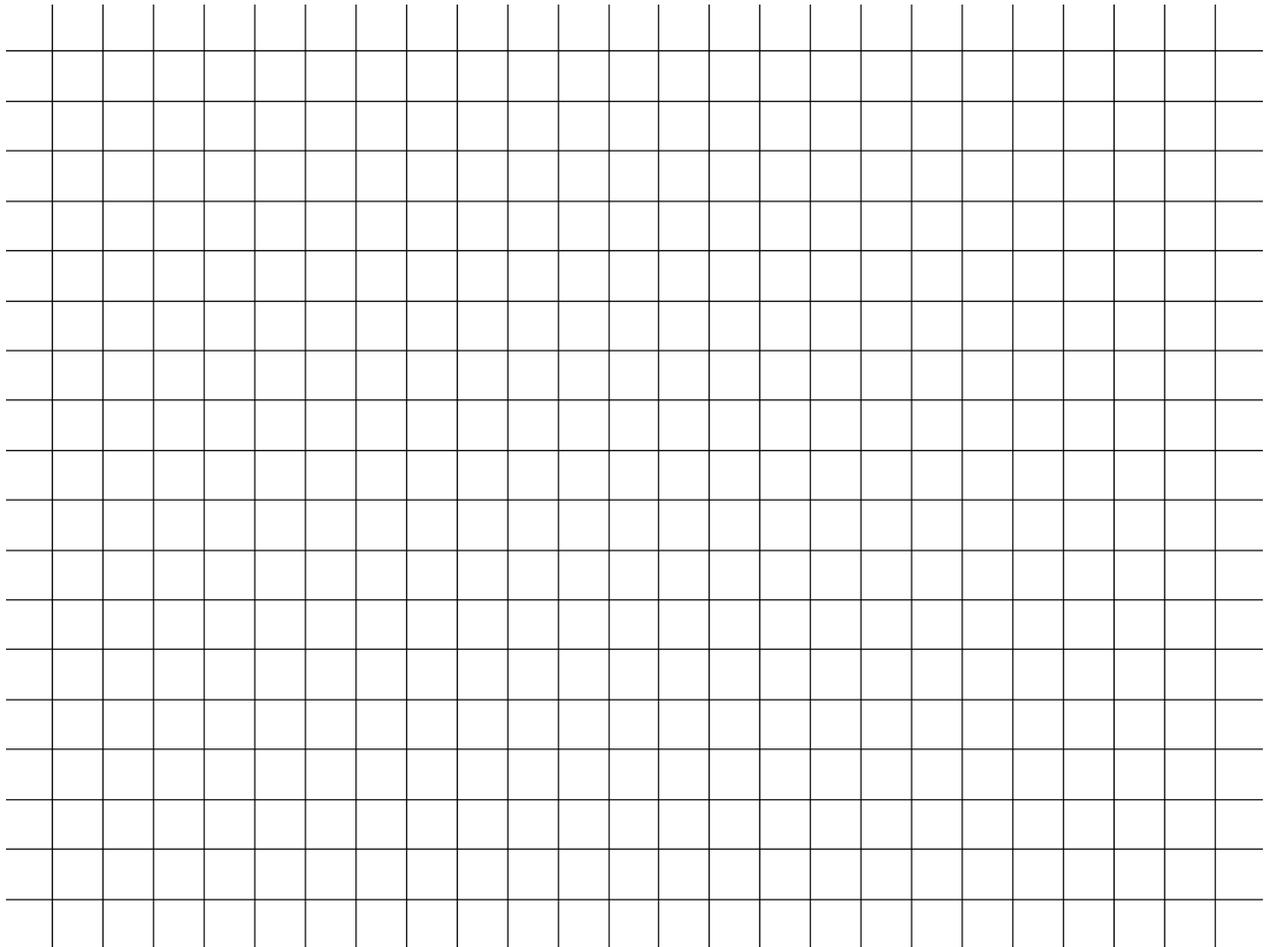
- ✚ Collect the data and organize it into the table below.

- ✚ Write 2 things you know from your data.

1. _____
2. _____

PART 2

- Use the data you collected to draw a bar graph that is easy to understand, with labels and a title.



- Write 1 question about the information in the bar graph and solve it.

Q. _____

A. _____

- ✚ Your parents want to buy a unique car that is not common in the neighbourhood. Based on the data from your bar graph, recommend which cars they should avoid, and which they can buy.
