

# STATISTICS

## A COLLECTING DATA

### A.1 TALLYING DATA

**Ex 1:** In his class, Hugo asks the students: "Do you have a sibling?"

The results are: Yes, No, Yes, Yes, Yes, No, No, Yes, Yes, Yes, No.

Complete the table

Sibling	Total
Yes	
No	

**Ex 2:** In his class, Léo asks the students: "Do you prefer playing indoors or outdoors during recess?"

The results are: Outdoors, Indoors, Outdoors, Indoors, Outdoors, Outdoors, Indoors, Outdoors, Indoors, Outdoors.

Complete the table

Preference	Total
Outdoors	
Indoors	

**Ex 3:** In her class, Clara asks the students: "Do you like to eat vegetables for lunch?"

The results are:

- **Yes:** Emma, Noah, Lila, Tom.
- **No:** Mia, Leo, Sam.

Complete the table

Preference	Total
Yes	
No	

**Ex 4:** In her class, Clara asks the students: "What is your favorite pet?"

The results are:

- **Cat:** Emma, Noah, Lila.
- **Dog:** Tom, Mia, Leo, Sam.
- **Reptile:** Zoe, Ben.

Complete the table

Pet	Total
Cat	
Dog	
Reptile	

**Ex 5:** In her class, Clara asks the students: "What is your favorite color?"

The results are:

- **Red:** Emma, Tom, Zoe.
- **Blue:** Noah, Mia, Leo, Sam.

- **Yellow:** Lila, Ben.

Complete the table

Color	Total
Red	
Blue	
Yellow	

### A.2 CONDUCTING SIMPLE SURVEYS

**Ex 6:** In his class, Hugo asks the students: "What is your favorite pet?"

Complete the table

Pet	Number of Students	Total
Cat		
Dog		
Reptile		

How many students are asked?

students

Which pet is the most popular?

- ☐ Cat  
☐ Dog  
☐ Reptile

**Ex 7:** In her class, Lia asks the students: "What is your favorite color?"

Complete the table

Color	Number of Students	Total
Red		
Blue		
Green		

How many students are asked?

students

Which color is the most popular?

- ☐ Red  
☐ Blue  
☐ Green

**Ex 8:** In her class, Mia asks the students: "What is your favorite fruit?"

Complete the table

Fruit	Number of Students	Total
Apple		
Orange		
Banana		

How many students are asked?

students

Which fruit is the most popular?

- ☐ Apple
- ☐ Orange
- ☐ Banana

**Ex 9:** In her class, Zoé asks the students: "Who do you vote for as class representative?"

Complete the table

Candidate	Number of Votes	Total
Emma		
Liam		
Noah		

How many students voted?

students

Who is elected as the class representative?

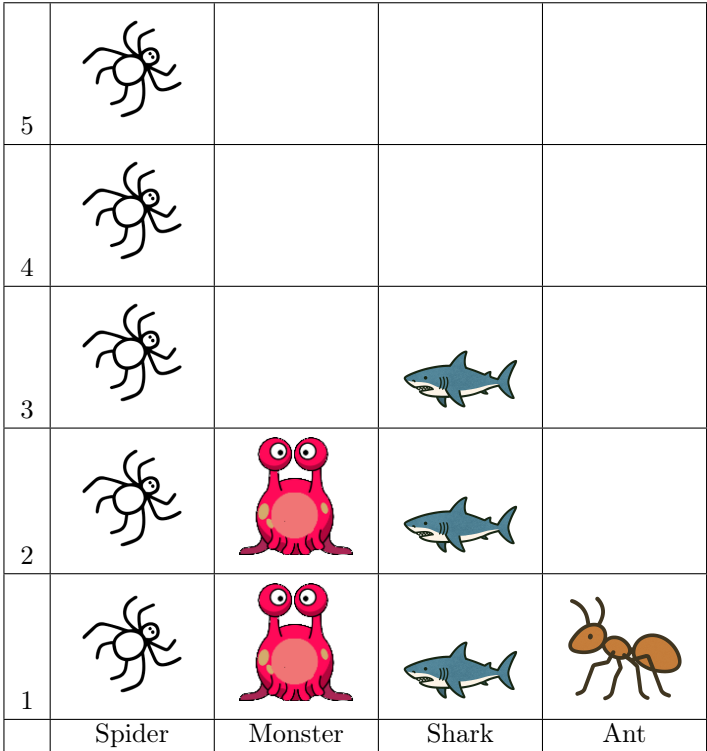
- ☐ Emma
- ☐ Liam
- ☐ Noah

B REPRESENTING DATA

B.1 INTERPRETING PICTOGRAPHS

**Ex 10:** In his class, Hugo asks the students: "What do you fear the most?"

He represents the result with a pictograph



How many students select shark as the most feared?

students

Which is the most feared?

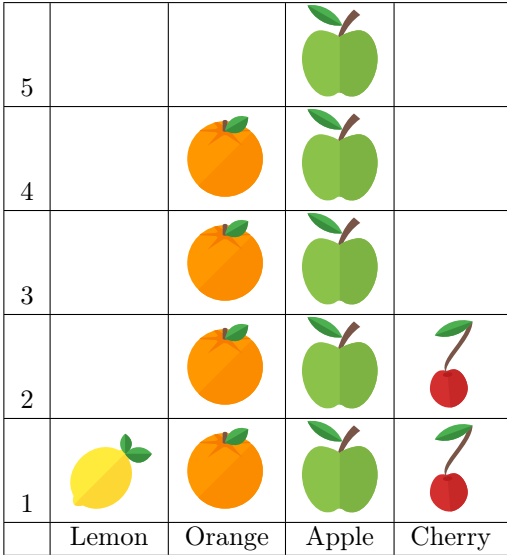
- ☐ Spider
- ☐ Monster
- ☐ Shark

Which is the least feared?

- ☐ Spider
- ☐ Ant
- ☐ Shark

**Ex 11:** In his class, Hugo asks the students: "What is your favorite fruit?"

He represents the result with a pictograph



How many students select orange as favorite fruit?

students

Which fruit is the most popular?

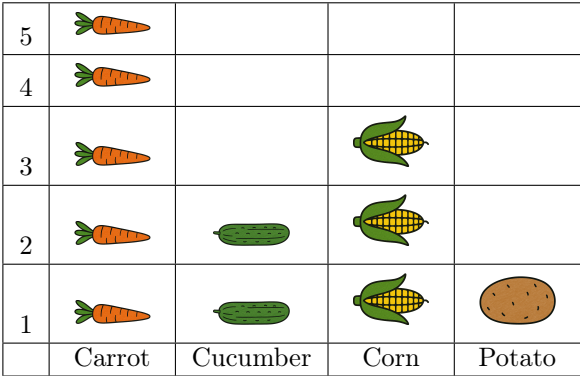
- ☐ Lemon
- ☐ Orange
- ☐ Apple

Which fruit is the least popular?

- ☐ Lemon
- ☐ Orange
- ☐ Apple

**Ex 12:** In his class, Hugo asks the students: "What is your favorite food?"

He represents the result with a pictograph



How many students select corn as favorite food?



students

Which food is the most popular?

- ☐ Carrot
- ☐ Cucumber
- ☐ Corn

Which food is the least popular?

- ☐ Carrot
- ☐ Potato
- ☐ Corn