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	卌⁣l	
Liam	⁣l⁣l⁣l⁣l	
Noah	⁣l⁣l⁣l	

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

5	🕷			
4	🕷			
3	🕷		🦈	
2	🕷	👾	🦈	
1	🕷	👾	🦈	🐜
	Spider	Monster	Shark	Ant
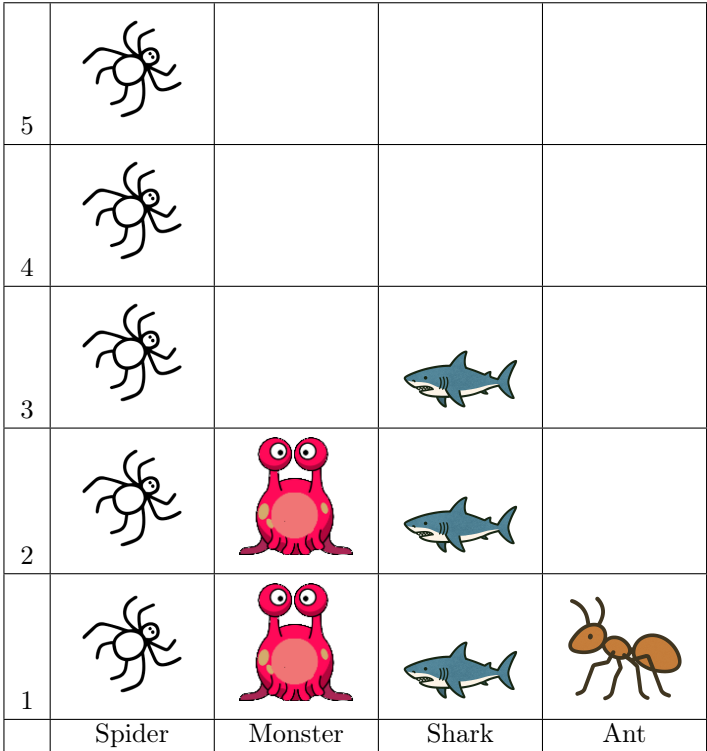
How many students select shark as the most feared?

[   ] students

Which is the most feared?
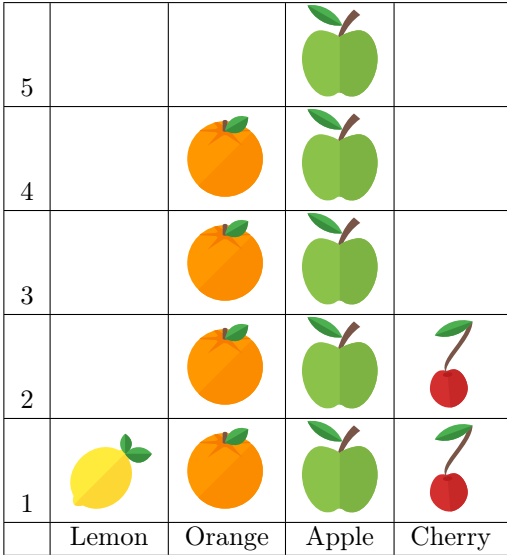
☐ Spider
☐ Monster
☐ Shark

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

5			🍏	
4		🍊	🍏	
3		🍊	🍏	
2		🍊	🍏	🍒
1	🍋	🍊	🍏	🍒
	Lemon	Orange	Apple	Cherry

How many students select orange as favorite fruit?

[   ] students

Which fruit is the most popular?
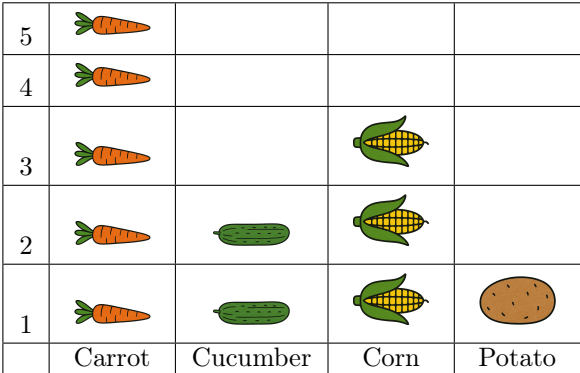
☐ Lemon
☐ Orange
☐ Apple

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

5	🥕			
4	🥕			
3	🥕		🌽	
2	🥕	🥒	🌽	
1	🥕	🥒	🌽	🥔
	Carrot	Cucumber	Corn	Potato

How many students select corn as favorite food?

□ students

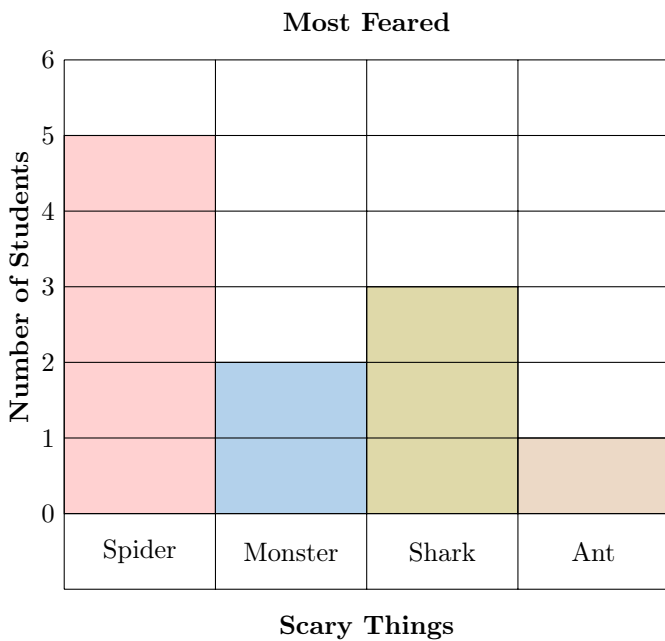Which food is the most popular?

☐ Carrot

☐ Cucumber

☐ Corn

Which food is the least popular?

☐ Carrot

☐ Potato

☐ Corn

B.2 INTERPRETING BAR CHARTS

Ex 13: In his class, Hugo asks the students: "What do you fear the most?"
He represents the result with a bar chart:

Most Feared

Scary Things

How many students select shark as the most feared?
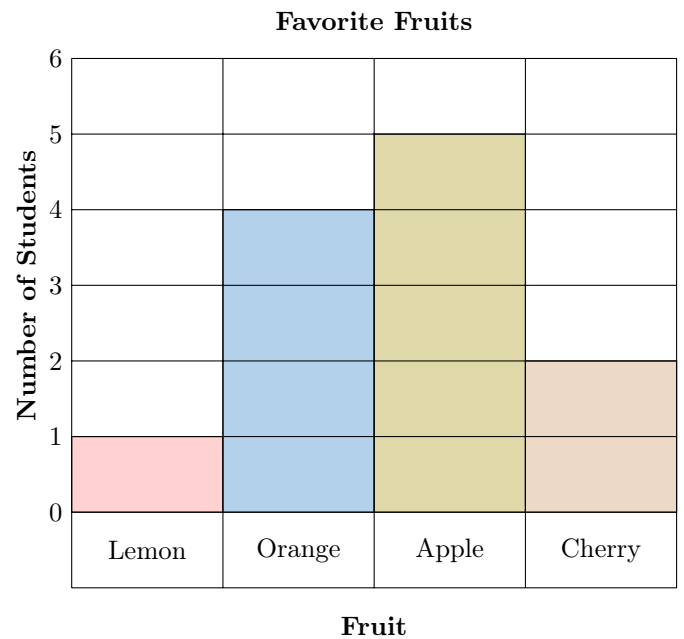
□ students

Which is the most feared?

☐ Spider

☐ Monster

☐ Shark

Which is the least feared?

☐ Spider

☐ Ant

☐ Shark

Ex 14: In his class, Hugo asks the students: "What is your favorite fruit?"
He represents the result with a bar chart:

Favorite Fruits

Fruit

How many students select orange as favorite fruit?
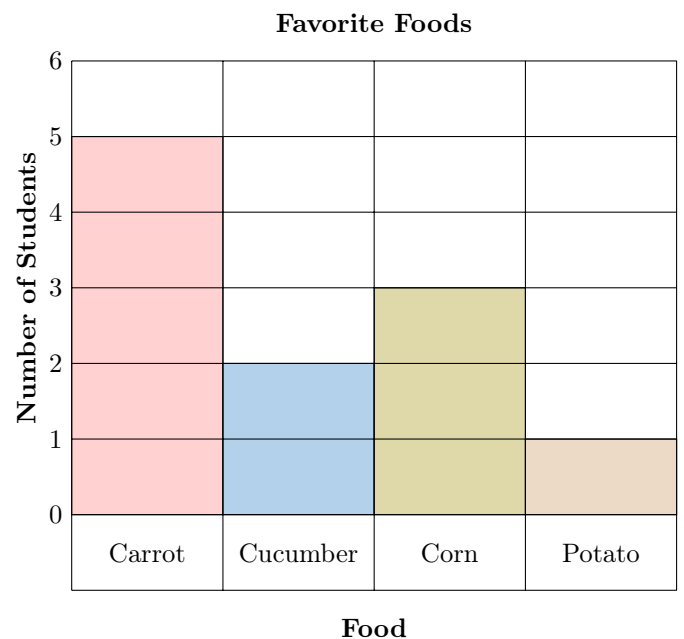
□ students

Which fruit is the most popular?

☐ Lemon

☐ Orange

☐ Apple

Which fruit is the least popular?

☐ Lemon

☐ Orange

☐ Apple

Ex 15: In his class, Hugo asks the students: "What is your favorite food?"
He represents the result with a bar chart:

Favorite Foods

Food

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