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, 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, 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

Preferen	nce	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	#1	
Reptile		

How many students are asked?

	students
	Students

Which pet is the most popular?

 \square Cat

 \square Dog

□ Reptile

 \mathbf{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?

 \square Red

□ Blue

 \square Green

 \mathbf{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
Students

Whic	h fruit is the mos	st popular?						\square Spider	£		
		\square App	le		□ Monster						
					\square Shark						
			_		Which is the least feared?						
					\square Spider						
			tudents: "Wh	o do you vote for							
	_	?"									
Comp											
	Candidate	e Number	of Votes T	otal				Hugo asks t	he studen	ts: "What	is your
	Emma		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					lt with a pict	tograph		
	Liam				rio ropros	_	1	are wrear a pro-			
	Noah								*		
□ Orange □ Banana Which is the least feared? □ Spider □ Spider □ Ant □ Shark □ Spider □ Ant □ Shark □ Complete the table □ Shark □ He representative?" □ Shark □ He represents the result with a pictograph □ Shark □ Spider □ He represents the result with a pictograph											
110 11	many students v								-6		
		S	tudents								
Who	is elected as the	class repres	entative?				4				
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B.I	INTERPRETII	NG PICTO	GRAPHS				Lemon	n Orange	Apple	Cherry	
		Iugo asks th	e students: "V	Vhat do you fear	How man	ıy :	students se	elect orange a	s favorite	fruit?	
		.14:41:	1					-4	14		
пе ге	epresents the resu	nt with a pi	ctograpn						ients		
	(Which fru	uit	is the mos	st popular?			
	70k							\square Lemo	n		
5								□ Orang	ge		
								\square Apple	e		
	~ ()				Which fru	uit	is the leas	st popular?			
	196							□ Lemo	n		
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	1798										
3			Mari		Ex 12:	In	his class,	Hugo asks t	he studen	ts: "What	is your
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	70°				The repres					1	
		Single			5	5					
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	~6.			7		+				1	
	3pe			777	3	3					
1		NAME OF THE PERSON OF THE PERS	44	,, ((•				
	Spider	Monster	Shark	Ant	2	2					
How	many students se	elect shark a	as the most fea	ared?						(,,,,,	
		C+	udonts		1	L	Comet	Cucumal	Corre	Dotat-	
			udems						1		
Whic	h is the most fea	red?			How man	ıy :	students se	elect corn as t	favorite fo	od?	

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		stu	idents				Favorite	e Fruits	
Which fo	ood is the mo	ost popular?			6				
		□ Carrot			Number of Students				
		□ Corn			3				
Which fo	ood is the lea				oer c				
		□ Carr □ Pota			dm'z				
		□ Corn			1				
B.2 II	NTERPRETI	NG BAR CH	HARTS		0	Lemon	Orange	Apple	Cherry
				What do you fear		Lemon			Cherry
the most				, and the grant of	TT	. 1	Fr		9
1			Feared		How man	y students s	select orange a		uit?
6		IVIOSU .	Teared		Which for	uit ia tha ma		dents	
5					wnich ir	uit is the mo	ost popular? \Box Lemo	on.	
ents							□ Oran		
Number of Students							\square Apple	e	
					Which fruit is the least popular?				
2					□ Lemon □ Orange				
un Z							□ Appl	<u> </u>	
1					Ev 15.	In his class	, Hugo asks t	the students:	v si tedW" ·
0					favorite f	ood?"	_		. What is y
	Spider	Monster	Shark	Ant	He repres	sents the res	ult with a bar		
		Scary	Things	<u> </u>	6		Favorit	e Foods	
How ma	nv students s	elect shark as	s the most fea	ared?	5 -				
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		stu	idents		Number of Students				
Which is	s the most fea	ared?			\mathbf{v}				
		□ Spide			2				
		\square Mons \square Shark			un Z				
Which is	s the least fea	red?			1				
		\square Spid	ler		0				
		□ Ant				Carrot	Cucumber	Corn	Potato
		\square Shar	:k				Fo	od	
Ex 14:	In his class.	, Hugo asks	the students:	"What is your	How man	y students s	select corn as	favorite food	?
favorite								dents	
							1 500		

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Which	food	is	the	most	popular?
					\square Carrot
					\square Cucumber
					\square Corn
Which	food	is	the	least	popular?
					\square Carrot
					\square Potato
					\square Corn