



Fred's Bike Rental Shop

This is Fred. He has a shop where people can rent bicycles. They pay per day. These are some of the bikes Fred has.

<p>€ 12,50 5x</p>	<p>€ 14,90 7x</p>	<p>€ 17,80 12x</p>
<p>€ 20,20 8x</p>	<p>€ 23,80 9x</p>	<p>€ 21,90 4x</p>

This is what the words and numbers mean:

Fred is not good at bookkeeping. Let's help him and make a spreadsheet for this week. This is what it should look like:

Fred's Bike Rental Shop			
number	price per day	days rented	money made
1	12,50 €	5	
2	

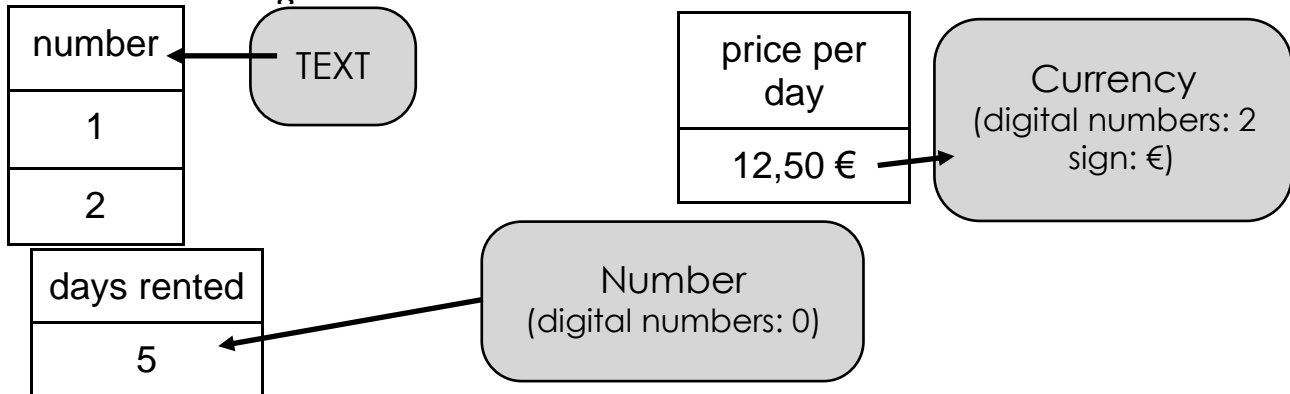
IMPORTANT!

Before we can use the table to calculate some things, we need to tell the spreadsheet program what is in the cells. This means we need to format them.

Formatting cells

Before you calculate, format the cells.

Use right click: FORMAT --> CELLS --> NUMBERS to set the format.



TASK 1:

Your turn! Design a spreadsheet (filename: fred's_bikes.xlsx / fred's_bikes.ods)

- Format all the cells first.
- Fill in the information on the six bikes.
- Put frames around the cells.
- Save your work.

TASK 2:

Now help Fred with his bookkeeping and calculate:

Use the operators (+ - * /) and SUM to find out ...

- how much money Fred made altogether with every bike (in cells D3, D4, D5, etc.) this week.
 - how many days total all bikes were rented (in cell C9).
- how much money Fred made altogether with all the bicycles (in cell D9).

Of course, Fred has many more bicycles than shown on the first page. He doesn't know which bike is the cheapest to rent and which one is the most expensive bike. Here are two new commands that help him to find out.

NEW
COMMAND

MIN

MINIMUM

--> finds the smallest
number



MAX

MAXIMUM

--> finds the highest
number

TASK 3:

“What is the cheapest bike to rent for a day in the shop?”



Fill this in cell D11.

=MIN(C3:C8)

So what does it mean?

=
means

“Please, do some work for me.”

MIN
means

“Please find the smallest number for me.”

(C3:C8)
means

“Look in the cells between C3 and C8.”

TASK 4:



“Now I want to know how much the most expensive bike costs to rent per day. What can you write in cell D12?”

your answer:

TASK 5:

NEW COMMAND

AVERAGE

--> finds the average of all the numbers

“On average, how many days are my bicycles”

Fill this in cell D13.



TASK 6:

NEW COMMAND



“How many bikes are in this”

COUNT

--> counts in how many cells you typed in numbers, etc.

Fill this in cell D14.

Now compare your spreadsheet to the spreadsheet your teacher has.

Words

You can rent a bike.	If you do not buy a bike, but pay money to a shop for each day you ride it.
“What’s the price ?”	“How much does it cost?”
The minimum age to rent this bike is 12.	You must be at least 12 years old to rent this bike.
In the library the maximum number of books is three.	In the library you can only take three books at the same time.
“What’s the total ?”	“How much does it cost for all things?”
You must do the bookkeeping .	If you have a shop, you must write down how much money you make every day.
“Let ride altogether .”	“Everybody should ride their bike.”
The average age is 12 years.	dt. <i>Das <u>Durchschnittsalter</u> ist 12 Jahre.</i>
I count the apples.	one apple, two apples, three apples,
We must format the text.	We must pick the fonts and the size of the text. We must say how the text should look like.

Homework:

Look up the words and write them into your vocabulary book.