

## What do we know, <br> about

Construction Graphs?

## Where, can we use them?

For Example...

heartbeat


## $f(x)=x^{\wedge} 2+3$

We can choose any of these function.
$f(x)=x^{\wedge} 2+5$

## The Theme:

## Investigation of the functions

My aim today is explain the process of investigation.

## This talk, is divided into 3 parts:

First: To find domain function.
Second: To find derivative function.
Third: To construct graph.

My presentation wilf Cast about 40 minutes

## All the end of my talk, there will be a chance to ask

 questions.The first main point:
Firstly, I' d like to look at domain function
For $\mathbb{E x a m p l e : ~} \quad \underline{f(x)=x^{\wedge} 2+4}$
For this function domain function will be

$$
x \in(-\infty, \infty)
$$

## Let's now move on to find derivative of function:

The second main point:
We will use the next formulas for find derivative

1. $\left(x^{n}\right)^{\prime}=n \cdot x^{n-1} \quad$ 2. $C^{\prime}=0$

Our function will have following kind

$$
f^{\prime}(x)=2
$$

## So far we have looked at the

## The third main point:

## Now l'd like to construct graph function

Construct point by point our graph of the function

## Summary:

Based on the above
Now, we know how to investigation function.

## Conclusion:

In conclusion I'd like to say we can apply our knowledge in different sciences

## Thank you for attention.

If you have any questions, I'll be happy to answer them now.

