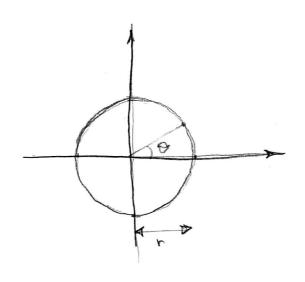
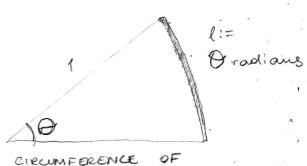
RADIANS & FUNCTIONS !

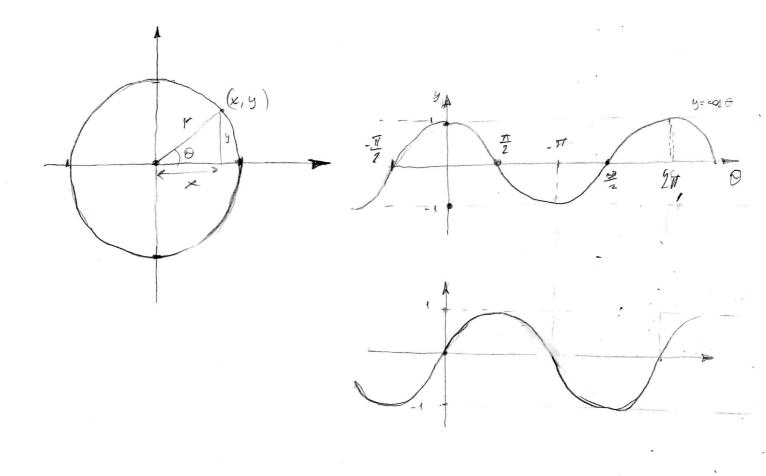
RADIANS

-> BABYLONIANS





CIRCUMFERENCE OF THE UNIT CIRCE = 2T



$$(f+g)(x) = f(x) + g(x)$$

$$(f,g)(x) = f(x), g(x)$$

$$\left(\frac{1}{f}\right) = \frac{1}{f(x)}, \quad \text{if } f(x) \neq 0.$$

IN TERMALS:

THE DOMAIN OF f(x) is the set of ALL X AT WHICH f(x) is defined.

A POLYNOMIAL IS UNDERSTOOD TO MAVE A DOMAIN IR.

A RATIONAL NUMBER IS UNDERSTOOD TO

HAVE ITS DOMAIN EQUAL TO R OMITTING

THE POINTS WHERE DENOMINATOR IS O.

HOWEVER, IF WE PEFINE

EXAMPLE

$$\frac{x^2-4}{x-2}=x+2 \text{ in rong!}$$

$$\frac{x^2-4}{x-2} = x+2, x\neq 2$$
 CORRECT

