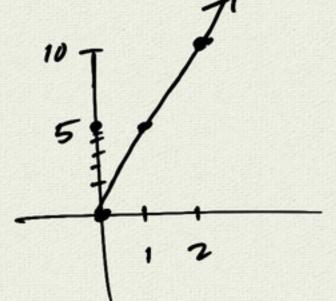
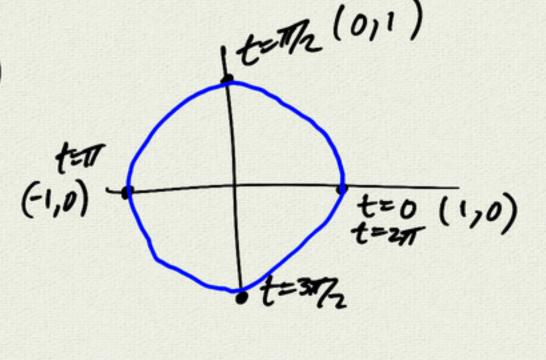


## some simples paremetric egnations;

$$x(t) = t$$
 $y(t) = 5t$ 
 $t | x(t) | y(t)$ 
 $0 | 0 | 0$ 
 $1 | 5$ 
 $2 | 2 | 10$ 



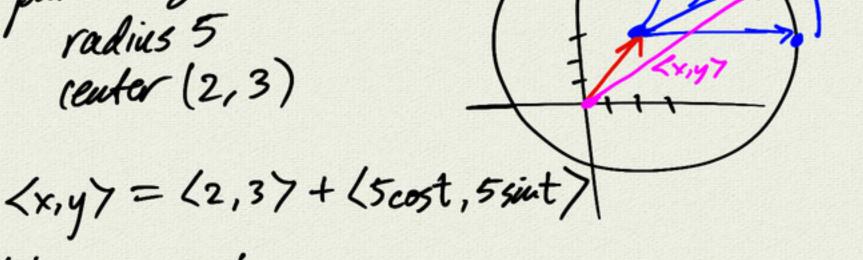


Example: parametrize luie (segment)
from (1,2) to (7,6)
t=0 t=1

$$x(t) = 6t + 1$$
  
 $y(t) = 4t + 2$ 

Check: 
$$\frac{(0)}{y(0)} = 1$$
 $\frac{(1)}{x(1)} = 7$ 

Oxemple: parametrize a circle radius 5 (enter (2,3)



 $x(t) = 2 + 5 \cos t$  $y(t) = 3 + 5 \sin t$ 

