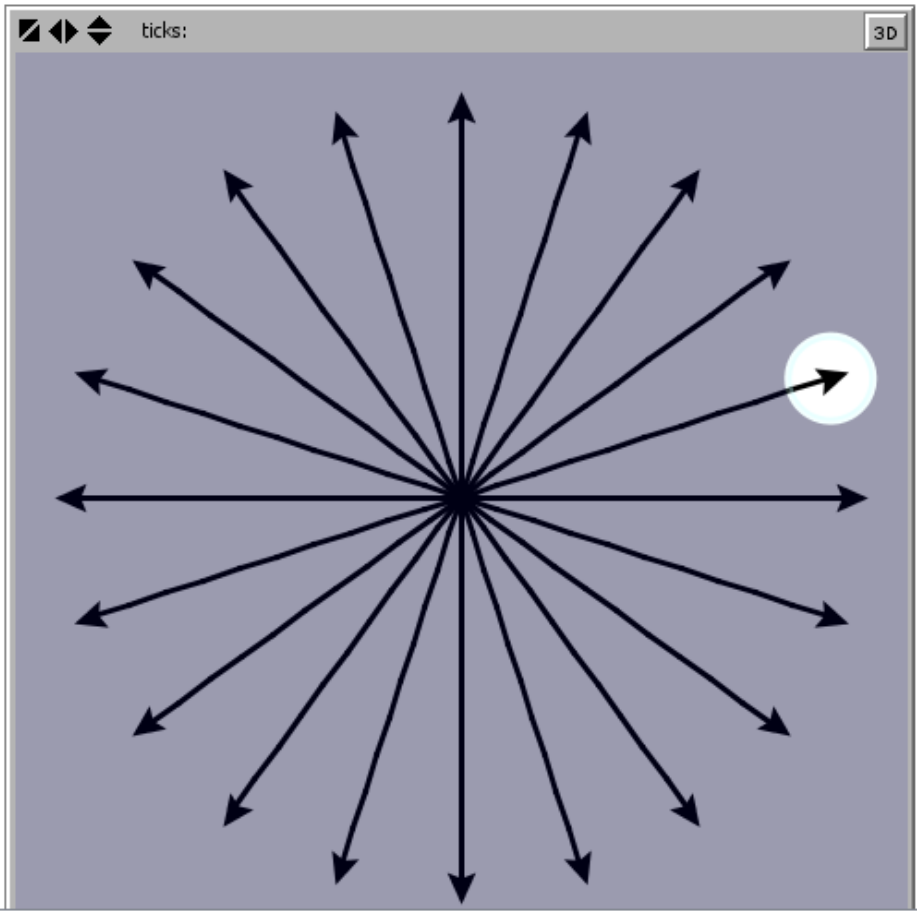


Name: _____

tryEm

howMany 20

who	4
color	0
heading	
xcor	
ycor	
shape	"default"
label	" "
label-color	9.9
breed	turtles
hidden?	false
size	1
pen-size	3
pen-mode	"down"



```
TO tryEm
```

```
ca  
ask patches [set pcolor white]
```

```
cro howMany
```

```
ask turtles  
[  
  pd  
  set pen-size 3  
  set color black  
  fd 10  
]
```

```
END
```

As you can see above on the SLIDER, the howMany slider value was set to 20.

See the cro howMany statement.

ANSWERS GO ON SEPARATE PAGE!!!!

SHOW ALL WORK THERE!!!!

1. Heading is ??????
2. xcor is ????????
3. ycor is ????????

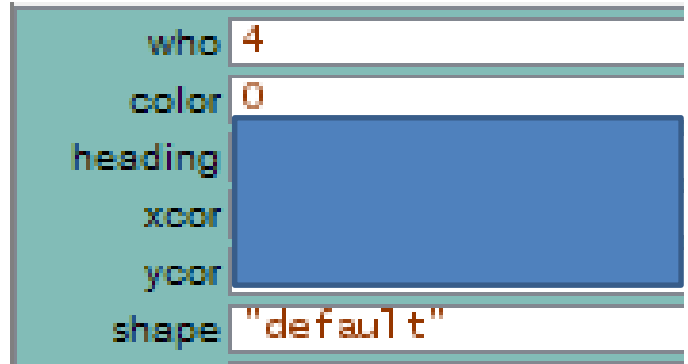
The highlighted turtle is the turtle with who #4.

We need to find its exact and its specific location.

In questions #2 and #3, you will find its (xcor, ycor) location in the 2D turtle world, which is the coordinates of the point where it is located on the NetLogo grid.

VIP: You need to clearly show the steps and process

of arriving at your answers too! You may use the Windows calculator, but **SHOW all your steps of the algebra too**. **VIP, VIP, VIP!**



who	4
color	0
heading	
xcor	
ycor	
shape	"default"

See the code and screen snapshot on the separate page.

1. What is the **heading** for the turtle with WHO number 4 (the highlighted turtle)? Show and make clear the steps and thinking of HOW you calculated or arrived at the answer. ***Do NOT just show final answer.***
2. What is the **xcor** for the turtle with who number 4? **You must show ALL your work** and **process** of getting to the answer! ***Do NOT just show final answer.***
3. What is the **ycor** for the turtle with who number 4? **Show your work and clearly illustrate** the steps in **how** you got the answer. ***Do NOT just show final answer.***