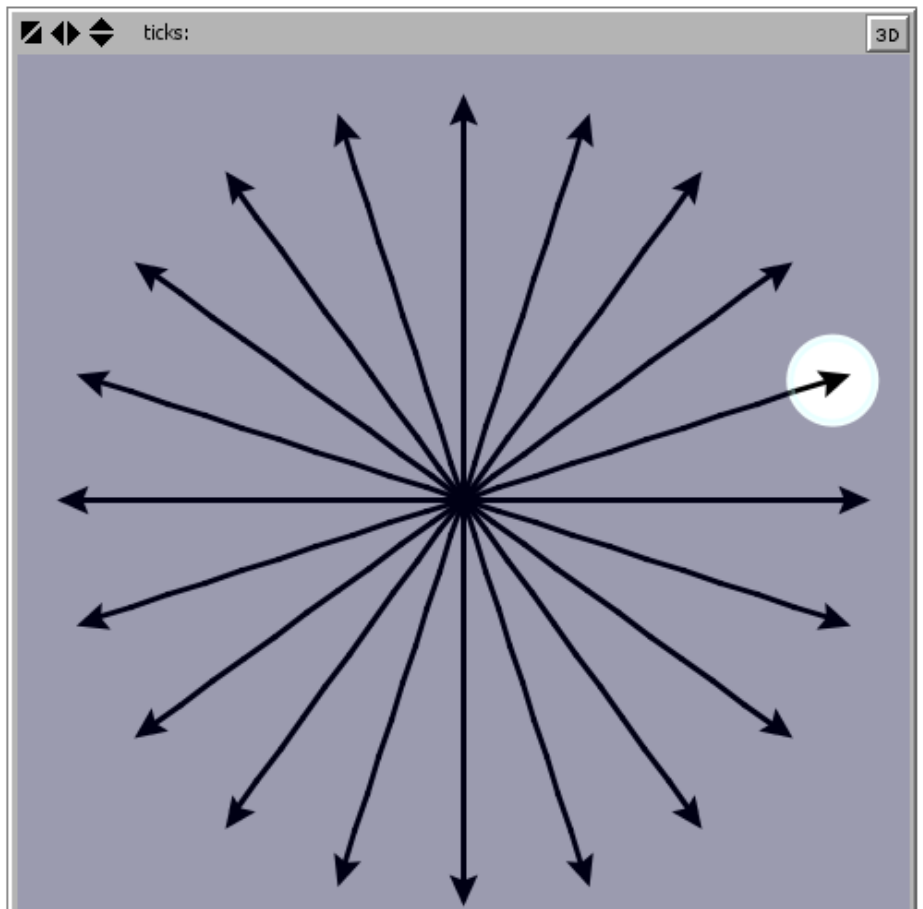


Due date: Tuesday,
Oct 13th, 2015

tryEm

howMany 20

who	4
color	0
heading	72
xcor	9.5105651
ycor	3.0901699
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.

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.

who	4
color	0
heading	
xcor	
ycor	
shape	"default"

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!**

See the code and screen snapshot on the separate page.

1. What is the **heading** for the turtle with WHO number 4 (it is the highlighted turtle)? Show how you calculated or arrived at the answer. Do NOT just show the 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!
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.

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