4. What is the **slope** of the line that includes the following two points or turtles (turtle who #2 and turtle who #1)? You are to give the **SLOPE** of the line that goes through the **Airplane** and the **BUG**. *Note: You may use the calc.exe or calc Windows Calculator program to get the final answer, but you **MUST SHOW ALL your work** from the start to the finish step by step so I know you understand the equation. I want to see numerators and denominators!*

5. What is the **distance** between the two turtles, turtle 2 and turtle 1? The distance between the **AIRPLANE** and the **BUG** shapes. Their settings (facts) are shown below. **Show ALL your work, esp numerators and denominators!**

who	2	
color	0	
heading	90	
xcor	4	
ycor	1	
shape	"airplane"	

who	1	
color	0	
heading	45	
xcor	5	
ycor	4	
shape	"bug"	