

4. What is the **slope** of the line that includes the following two points or turtles? 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 and so I can give you lots of partial credit if you just did the arithmetic (divide or subtract or add) wrong.*
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!**

The screenshot shows a NetLogo environment with two turtle monitors and a central view. On the left, there is a 'showTs' button and a 'Command Center' label. The 'turtle 2' monitor shows an airplane shape at the top, and the 'turtle 1' monitor shows a bug shape at the bottom. The central view shows both turtles on a grid with their respective shapes and a line connecting them.

Property	Value
who	2
color	0
heading	90
xcor	4
ycor	1
shape	"airplane"
label	""
label-color	9.9
breed	turtles
hidden?	false
size	1
pen-size	1
pen-mode	"down"

Property	Value
who	1
color	0
heading	45
xcor	5
ycor	4
shape	"bug"
label	""
label-color	9.9
breed	turtles
hidden?	false
size	1
pen-size	1
pen-mode	"up"

who	2
color	0
heading	90
xcor	4
ycor	1
shape	"airplane"
label	""
label-color	9.9
breed	turtles
hidden?	false
size	1
pen-size	1
pen-mode	"down"

who	1
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