

TI-Nspire Activity
Picture.This

Last day of 1st Semester “FUN”
Marie Knox
Western Technology Center
Burns Flat, OK

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Picture.This Assignment

Name _____

Date ____/____/____

1. From your TI-Nspire Home screen, select '6:New Documents', then '2:Add Graphs & Geometry'. Press 'ctrl' 'g' combination to switch to the graph.
2. Grab the display screen, and pull it down to display more of the top 2 quadrants (I & II). Press 'esc' when finished.
3. Turn on the Grid by choosing 'Menu' , '2: View' , '5: Show Grid'.
4. Plot the following points: (From 'Menu' , choose '6:Points & Lines' , '2:Point On'). Remember if you need to undo something, press the 'ctrl' 'z' combination

(0, 10) (-2, 8) (-1, 7) (-3, 5) (-2, 4)
(-4, 2) (-3, 1) (-1, 1) (-1, 0)

4. From 'Menu', choose 'A:Transformation' , '2:Reflection', then, one point at a time, 'click' on a point followed by clicking on the the y axis. This will reflect that point over the y axis. Do this for each of the above ordered pairs.
5. List the reflected ordered pairs:

_____ _____ _____ _____ _____
_____ _____ _____ _____

6. Using the 'Segment' tool, connect (0,10) to (-2,8), (-2,8) to (-1,7), (-1,7) to (-3,5), and continue with the rest of the points listed. Do the same with the reflected points. The 'Segment' tool can be found by pressing 'Menu' , '6:Points & Lines' , '5:Segment'.
7. Add ornaments and presents for bonus points !!!
8. Insert a new page with the 'ctrl' 'i' combination, and created a picture of your own. Use the 'Reflection' tool. HAVE FUN !!!!
9. Merry Christmas & Happy Holidays !!!!

Have a GOOD and SAFE break! See you in January !!!