

Listen and Line Up!

- 1) Set up the Activity Center Screen so each student has a fair chance of finding a unique point on the graph. 20 by 20 is a good starting point.
- 2) Start the activity and then call out something like "on the derivative of $y = x^3 - 2$ " or "on the integral of $y = 3x^2 + 2$ "
- 3) The object is for each student to land on a unique point that would be on the graph of what you called out.
- 4) Stop the activity and then discuss what the answer is (algebraically).
- 5) Graph the original function.
- 6) Graph the answer. Students earn points for being correct and not "sharing" a point with other students.
- 7) Extension: let the students create the questions. They love being the "caller" and other enjoy it when the "caller" misses the question.!