

Functions: Tools and Descriptions

Name of Tool	Description	Example of activities
Hands on Equations/Algebra Balance Scale	This manipulative allows you to solve simple linear equation using a balance scale. Unit blocks are placed on the pans of a balance beam. Once the beam balances to represent the given linear equation, you can choose any math operation to solve the linear equation.	<p>http://www.hoodamath.com/games/algebrabalanceequations.html</p> <p>This link is to a virtual algebra balance scale. This could be done in the classroom. While you're doing it on the computer, could also have the class do it on the actual algebra balance scale. You could get algebra blocks and tell your kids what each value the blocks have.</p>
Pentominos	pentomino is a polyomino of order 5, that is, a polygon in the plane made of 5 equal-sized squares connected edge-to-edge. When rotations and reflections are not considered to be distinct shapes, there are 12 different free pentominoes. When reflections are considered distinct, there are 18 one-sided pentominoes. When rotations are also considered distinct, there are 63 fixed pentominoes.	<p>http://mrorr-isageek.com/pentomino-puzzles/</p> <p>This link gives you an idea of an activity. This link shows you that you can use this item for a puzzle. It even shows you how to connect the activity to your lesson for that day.</p>
Graphing Calculators	A graphing calculator is a learning tool designed to help students visualize and better understand concepts in math and science. It is also considered to be a handheld computer that is capable of plotting graphs, solving simultaneous equations, and performing other tasks with variables.	<p>https://www.weareteachers.com/rethinking-graphing-calculators-7-engaging-classroom-activities/</p> <p>This list gives 7 engaging activities with the graphing calculator. There are also links to the lessons. They show you how to imply the activity in your lesson. One activity is dominoes. If you are studying logarithm properties would be good for you.</p>
Dry Erase Boards with	These are economical,	<p>https://www.math-</p>

<p>Coordinate Plane on Them</p>	<p>unframed lap board features a blue XY axis dry erase grid on one side and plain dry erase on the other. Bold lines separate board into quadrants each 14 squares by 10 squares; total grid is 28 squares by 20 squares. Individual squares measure $\frac{3}{8}$" x $\frac{3}{8}$". Boards feature non-ghosting dry erase surface with rounded corners and smooth edges for safety and comfort. Durable hardboard backing is warp and chip resistant.</p>	<p>aids.com/Graphing/</p> <p>This link show you to a site where you could do worksheets. A suggested activity would be a something such as where is the person. You can give the students a starting point and say This person went three up and three to the left. Where is this person at now. You could also say other words that mean up, down, left, or right. In the end maybe the final figure can be a picture or something cool looking.</p>
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