



## How to Draw a Map of "Center City" Philadelphia

- 1) Hold your paper horizontally and make sure you have a ruler and a pencil.
- 2) Find the center of your paper and make a dot. To do this, first find the center horizontally, and then use that dot to find the center vertically.
- 3) Using your dot to find the center begin at the top of the paper and draw a vertical line  $3 \frac{3}{4}$  inches from the top of the paper toward the center dot, then draw another vertical line  $3 \frac{3}{4}$  inches beginning at the bottom of your paper and working your way up. There should be a 1 inch opening between the two lines in the center and that is the opening for Center Park which is now City Hall. Once complete, label the line Broad Street.
- 4) Next we will draw High Street (known today as Market Street) which intersects broad at your center dot. Starting from the left side of your paper draw a horizontal line 5 inches across. Then begin at the right side of your paper and draw another 5 inch line from right to left. Again there should be 1 inch open in the center for City Hall. Create a box using your ruler around this opening.
- 5) Next we will create our numbered streets. William Penn decided the streets running north and south would be numbered. This means that these streets will run vertically on our map. The only street running north and south that is not a number on our map is Broad Street. Starting with your Broad Street line, take your ruler and moving from Broad Street to the right make 5 vertical lines each 1 inch apart. The repeat this to the left of Broad street with 5 vertical lines moving to the left of Broad Street.
- 6) To make sure your lines are straight experiment with how to best use to the ruler to make sure your vertical line was straight and we will discuss your different strategies after the assignment is over. The line directly to the right of Broad Street is 13<sup>th</sup> street, then 12<sup>th</sup>, 11<sup>th</sup>, 10<sup>th</sup>, and 9<sup>th</sup>. The lines to the left are 15<sup>th</sup>, 16<sup>th</sup>, 17<sup>th</sup>, 18<sup>th</sup>, and 19<sup>th</sup>. Remember 19<sup>th</sup> will be the furthest away from Broad on the left and 9<sup>th</sup> street will be the furthest away on the right.
- 7) Next we will create our horizontal streets which were named after trees. The horizontal lines are the streets that run East and West and we will begin by identifying the streets north, or above, City Hall. Begin with High Street as your starting point and create a line horizontally  $1 \frac{1}{4}$  inches above it. This is Mulberry Street (today known as Arch Street). From Mulberry Street make another Horizontal line 1 inch above it and label it Sassafras Street (today known as Race Street). Lastly, create a horizontal line  $1 \frac{1}{2}$  inches above Sassafras and label it Vine Street.
- 8) Moving south, or below, High street, create a horizontal line 1 inch below it. Label this Chestnut Street. From Chestnut create another horizontal line  $1 \frac{1}{4}$  inches below Chestnut and label this Walnut Street. Under Walnut draw your last horizontal line  $1 \frac{1}{4}$  inches below and label it Spruce Street. (NOTE: These dimensions are different than north of High Street!)
- 9) Once your city is complete have it checked and decorate it as you like until it is time to compare your map to Philadelphia today.