1. Copy text from http://steamcoded.org/graphpaper4q.svg.txt
and paste into an editor, and save as triangles.svg
Note: this file will adjust SVG coordinates to be like a normal piece of graph paper
2. On line 27 , create a triangle from points $(0,400)$, $(400,-400)$, and $(-400,-400)$
use the <path> element with id and style attributes as shown (M \& L must be upper case)
<path id="triangle" d="M0,400L400,-400L-400,-400z"
style="fill:purple;fill-opacity:0.2;stroke:white;stroke-width:4px;" />
3. Reuse the triangle with a <use> element and scale it by $7 / 8=0.875$, then translate it by $-50(400 / 8)$ in both the $x$ and $y$ directions as shown: <use xlink:href="\#triangle" transform="translate(-50,-50) scale(0.875)" />
4. Copy the <use> element of step 3 and paste on the next line, then change the transform attribute to translate it by 50 in the $x$ direction and -50 in the $y$ direction hint: transform=translate(50,-50) scale(0.875)"
5. Copy the 2 lines of code from steps 3 and 4 and paste on the next line, then change the transform attributes to scale by $6 / 8=3 / 4=0.75$ and translate by $+/-100(400 / 8) * 2$ hint: change the 50 to 100 but don't change the sign
6. Paste the code again, then change the transform attributes to scale by $5 / 8=0.625$ and translate by +/- $150(400 / 8) * 3$
7. Paste the code again, then change the transform attributes to scale by $4 / 8=1 / 2=0.5$ and translate by +/- $200(400 / 8) * 4$
8. Paste the code again, then change the transform attributes to scale by $3 / 8=0.375$ and translate by +/- $250(400 / 8) * 5$
9. Paste the code again, then change the transform attributes to scale by $2 / 8=1 / 4=0.25$ and translate by +/- $300(400 / 8) * 6$
10. Paste the code again, then change the transform attributes to scale by $1 / 8=0.125$ and translate by +/- $350(400 / 8) * 7$
11. Change the style attribute of the <path> element with id="triangle" to be stroke:none instead of stroke:white
12. Hide the grid by changing the style attribute of the group with id='grid" to be style="display:none;" instead of style="display:initial;"
13. Find the group <g> element: <g style="opacity:0.5;stroke:black; stroke-width:2px;"> and change the opacity from 0.5 to 1 , then change the stroke-width to $4 p x$
