

January 16, 2025

Stephen's Squares

Stephen drew this interesting and pretty diagram, inspired by the Meno Theorem. I particularly like that he used blue-lined paper; the lines make it look better.

For homework, on this sheet of paper,

(a) identify as many squares as you can. Label them with words or letters so I can see what you mean by each one. You might have to redraw them to show me.

(b) figure out the areas of as many of those squares as you can. Define the area of the smallest square you can find as "one moyer".

(c) Tell me why you think the blue lines make me think the picture looks better, and why the red vertical line makes it look worse.

