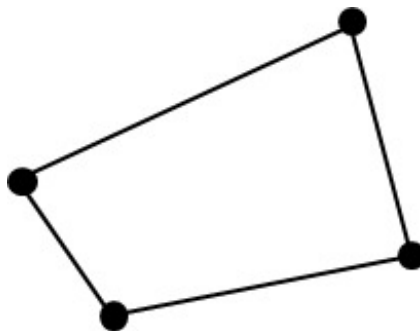


4.G What's the Point?

Task

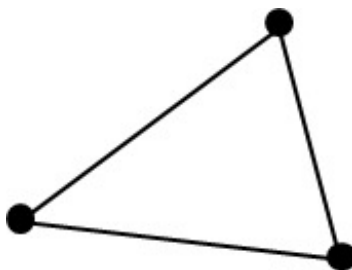
The students in Ms. Sun's class were drawing geometric figures. First she asked them to draw some points, and then she asked them to draw all the line segments they could that join two of their points.

a. Joni drew 4 points and then drew 4 line segments between them:



Are there other line segments that Joni could have drawn?

b. Tony drew 3 points and then drew 3 line segments between them:



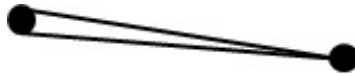
Are there other line segments that Tony could have drawn?

c. Here are 5 points. Draw all the line segments you can connecting pairs of them.



d. Starting with just two points, how many line segments can you draw between them?

e. Tony decided that he could actually draw two line segments between two points, and maybe even more. This is what he drew:



What do you think of Tony's idea? Discuss it with a partner.



4.G What's the Point?
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