

Mathematics

Review of linear graphs

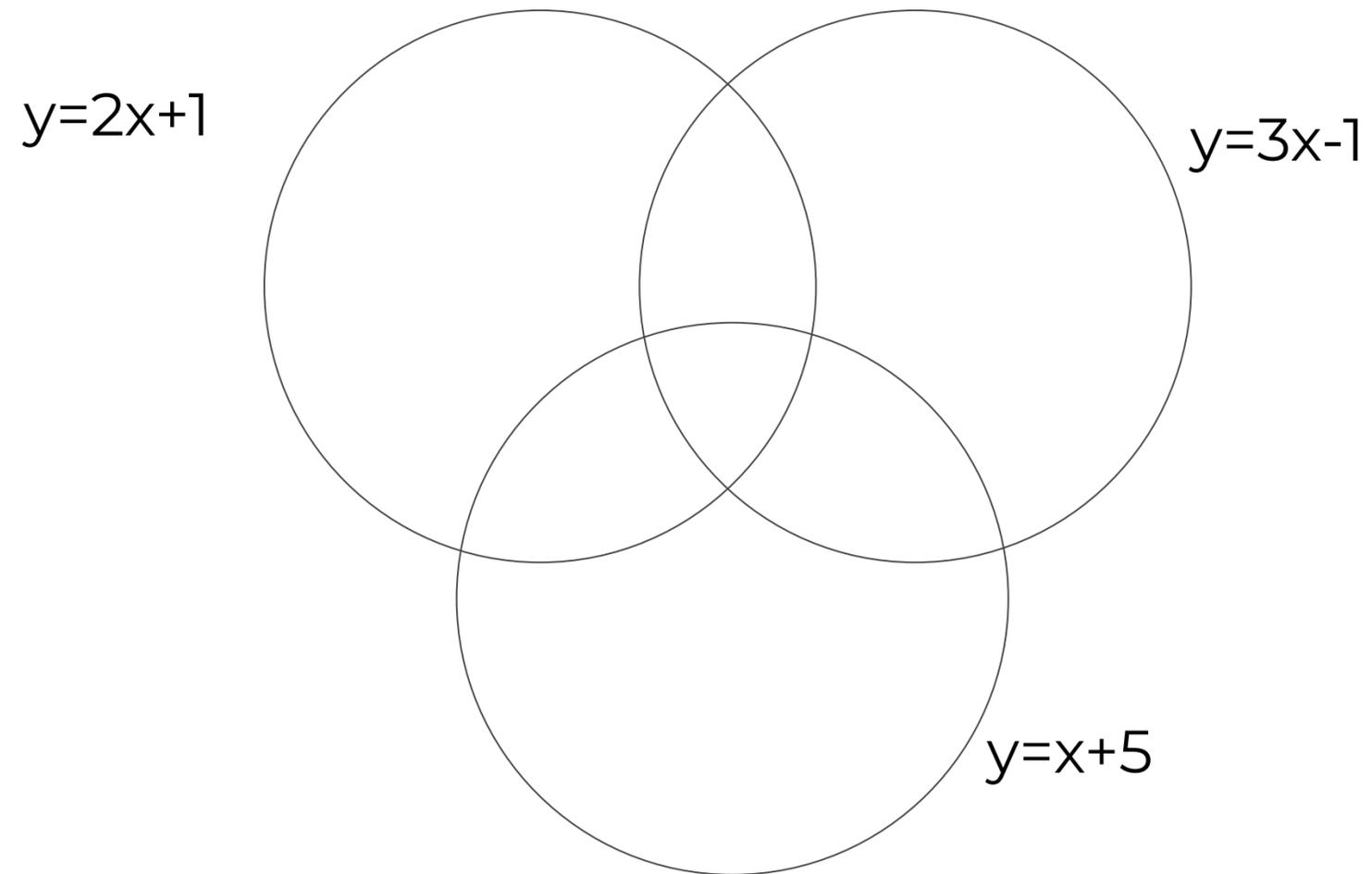
Independent Task

Ms Jones



Try this

Place the coordinates into the Venn diagram below:



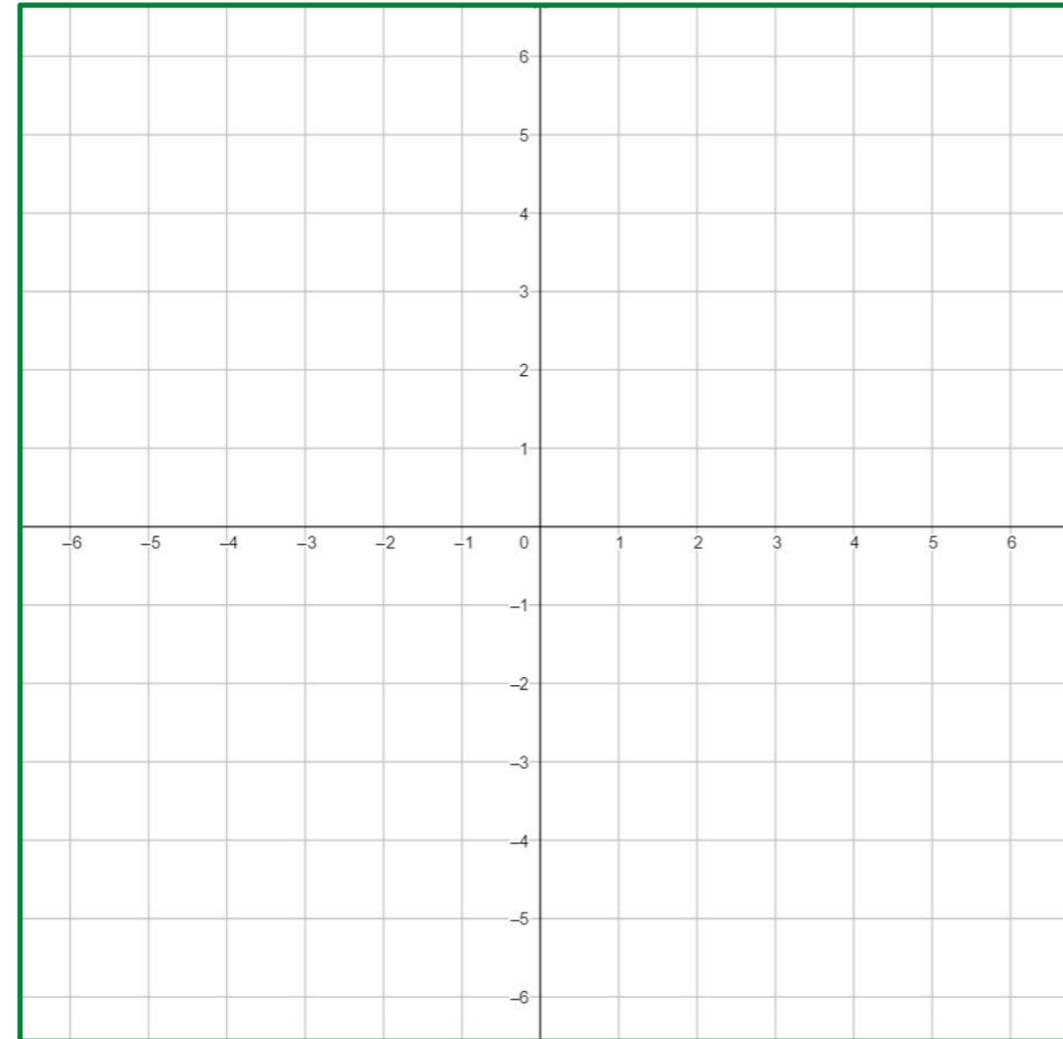
(3, 8)
(4, 9)
(3, 7)
(2, 5)
(9, 19)
(5, 14)



Independent task

1. List 3 coordinates that lie on $y = 2x - 6$.
2. List 3 coordinates that lie on $y = -x + 3$.
3. a) Plot $y = 2x - 6$ and $y = -x + 3$.

b) Where do these 2 lines intersect?



Explore

Is Zaki's statement true?



All of these lines will cross with one of the other lines once.

$$y = 2x + 1$$

$$y = 3x - 1$$

$$2x + y = 10$$

$$y = 2x + 5$$

