

Mathematics

# **Review of linear graphs**

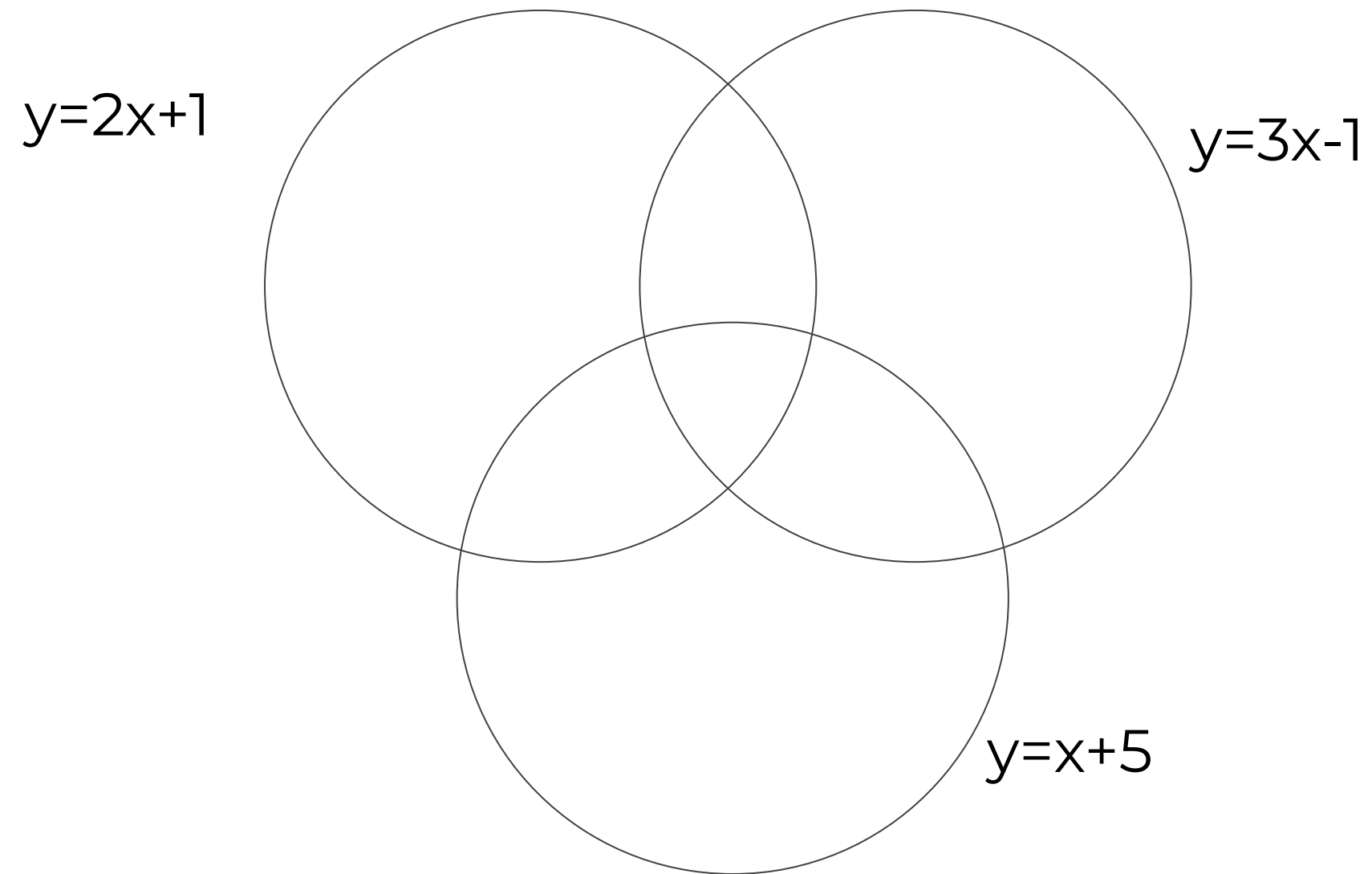
## **Independent Task**

Ms Jones



# Try this

Place the coordinates into the Venn diagram below:

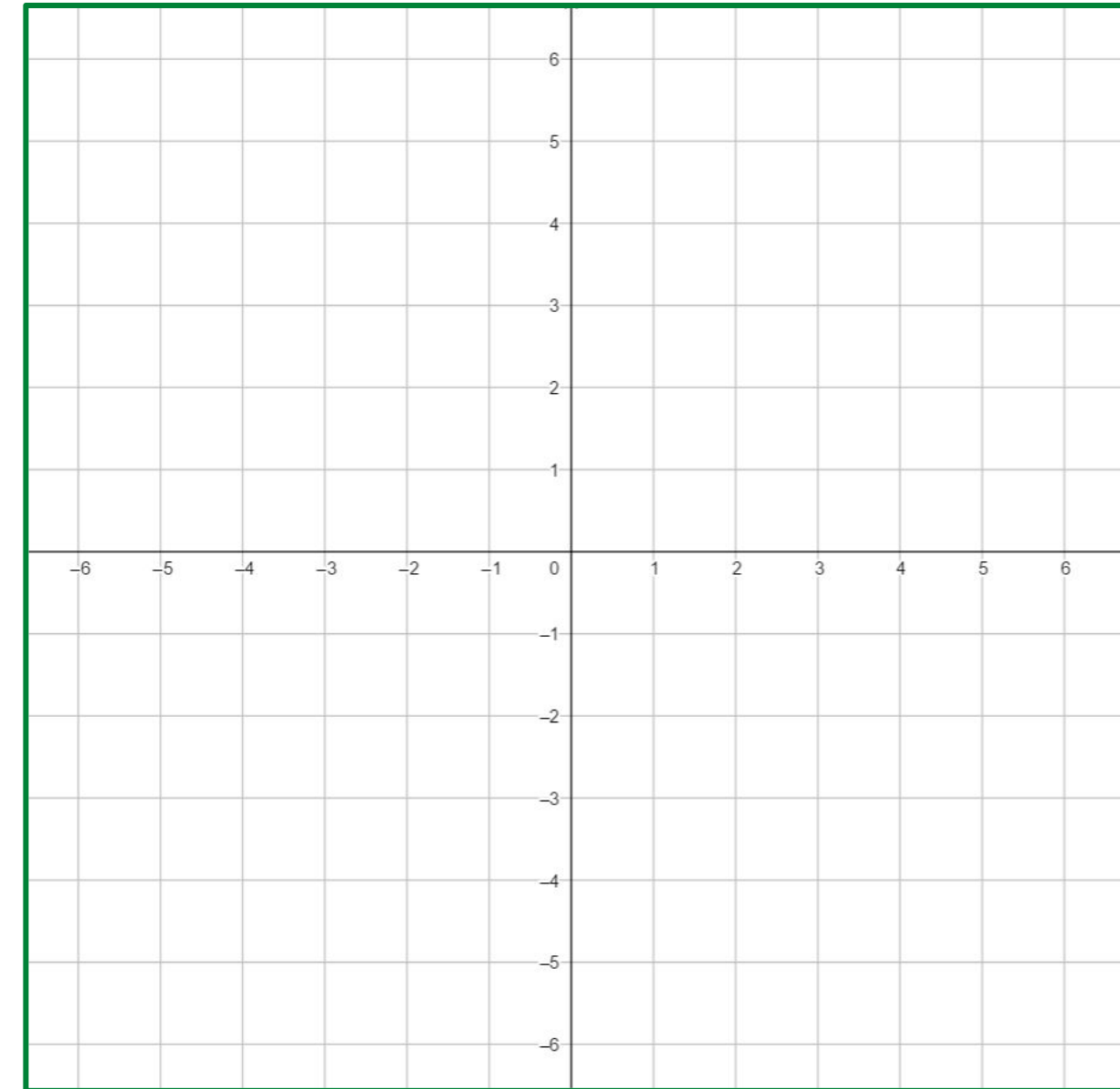


(3, 8)  
(4, 9)  
(3, 7)  
(2, 5)  
(9, 19)  
(5, 14)



# 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.

$$y = 2x + 1$$

$$y = 3x - 1$$

$$2x + y = 10$$

$$y = 2x + 5$$

