

Mathematics

Representing simultaneous equations graphically (1)

Independent Task

Ms Jones

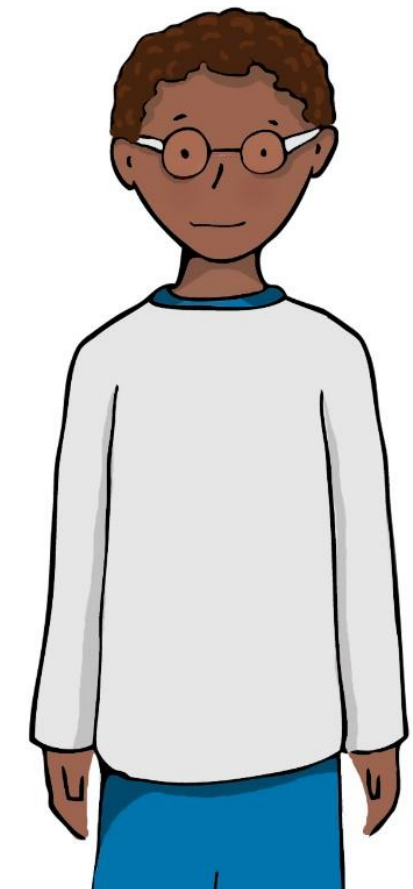


Try this

Write an equation to match each of the student's statements.

I'm thinking of two numbers that have a sum of 10.

I'm thinking of two numbers. I triple the first and add it to the second to get 15.



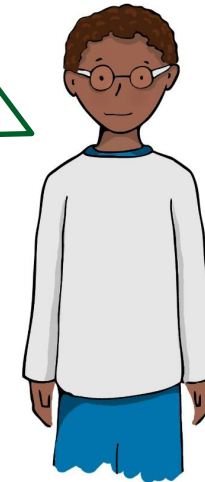
Independent task

1.



I'm thinking of two numbers that have a sum of 5.

I'm thinking of two numbers. I double the first and add it to the second to get 10.



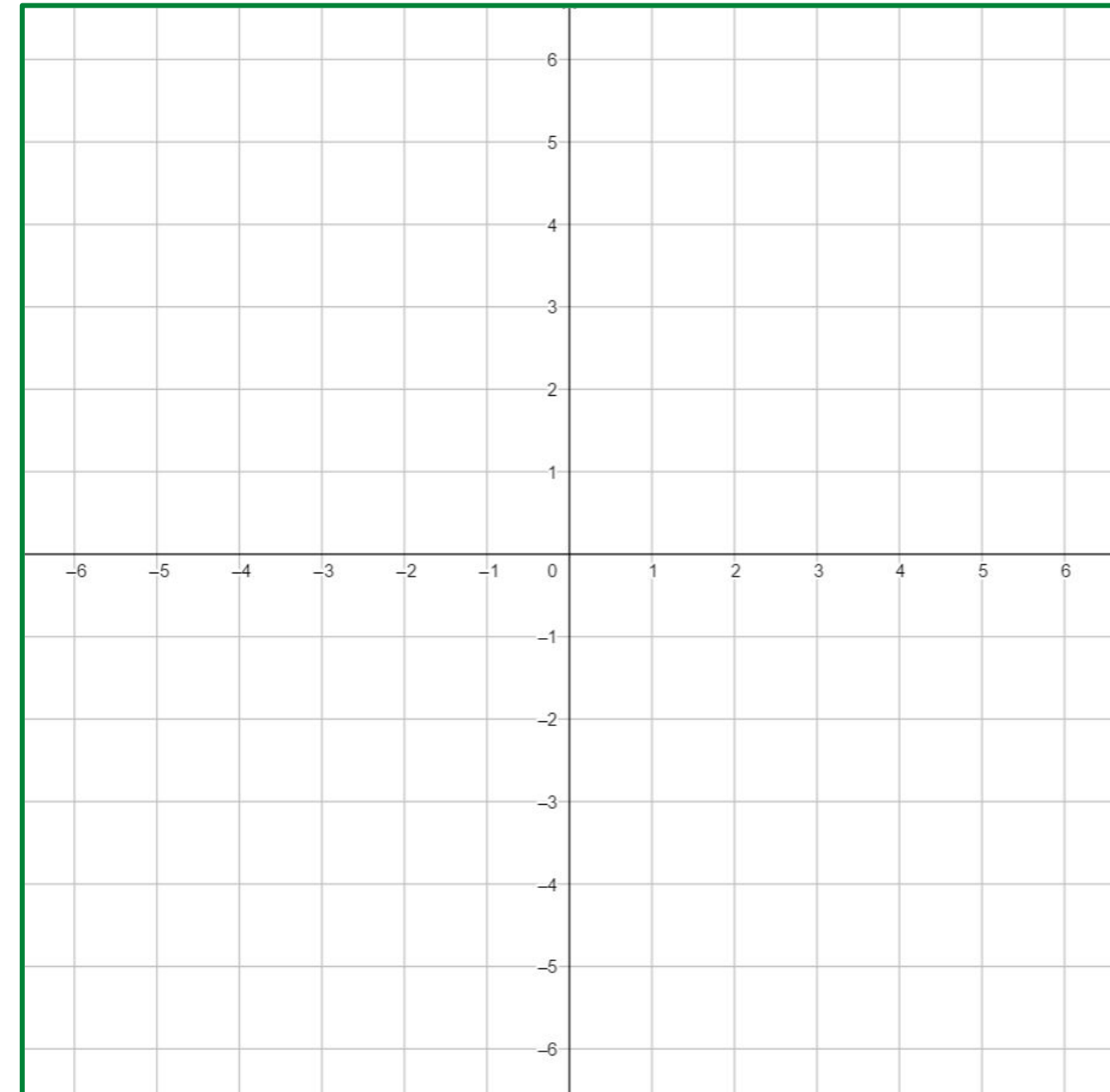
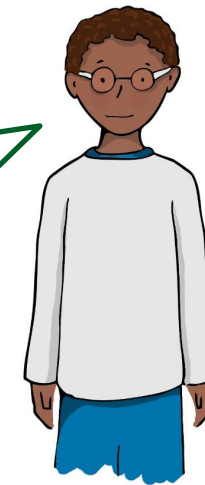
- Write an equation to match each of the student's statements.
- Represent those equations on a graph.
- What values of x and y are true for both statements?

2. What values of x and y are true for both statements?



I'm thinking of two numbers that have a difference of 1.

I'm thinking of two numbers. I double the first and add it to the second to get 2.



Explore

Create similar “think of a number problems” and solve graphically

I’m thinking of two numbers that have a sum of ____.

I’m thinking of two numbers. I ____ the first and add it to the second to get ____.

