Reasoning and problem solving
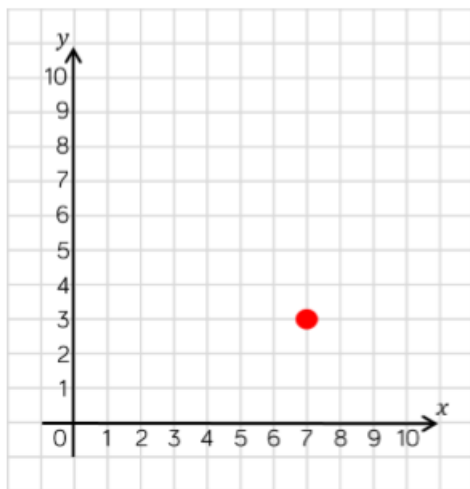
This page does not need to be printed. Write the date you do the work and the above question in your book, underlining them neatly with a ruler.

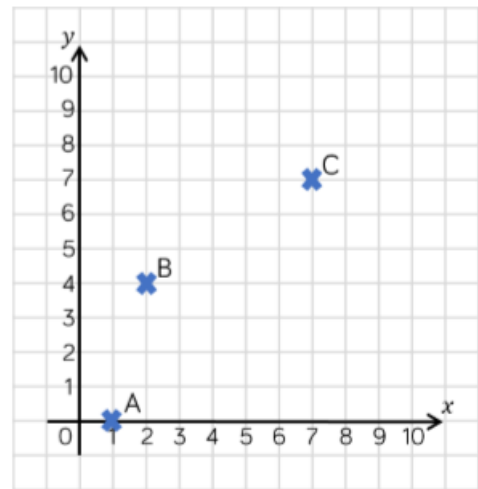1)

> The point is plotted at (7, 3)

Teddy

> The point is plotted at (3, 7)

Rosie

Who is correct?
What mistake has one of the children made?

2)

Which clue matches which coordinate?

Clue 1 — My *x* coordinate is half of my *y* coordinate.
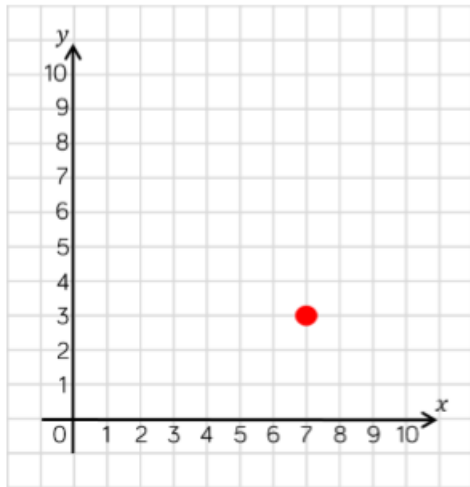
Clue 2 — My *y* coordinate is less than my *x* coordinate.

Clue 3 — Both my coordinates are prime numbers.

Answers are on the next page.

Reasoning and Problem Solving
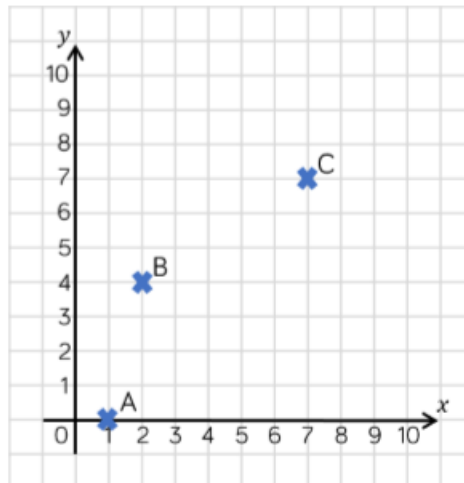

The point is plotted at (7, 3)

Teddy

The point is plotted at (3, 7)

Rosie

Who is correct?

What mistake has one of the children made?

Teddy is correct. Rosie has read the y-axis before the x-axis.

Which clue matches which coordinate?

Clue 1 — My x coordinate is half of my y coordinate.

Clue 2 — My y coordinate is less than my x coordinate.

Clue 3 — Both my coordinates are prime numbers.

Clue 1 - B
Clue 2 - A
Clue 3 - C