Mathematics

Mixed Transformations Worksheet
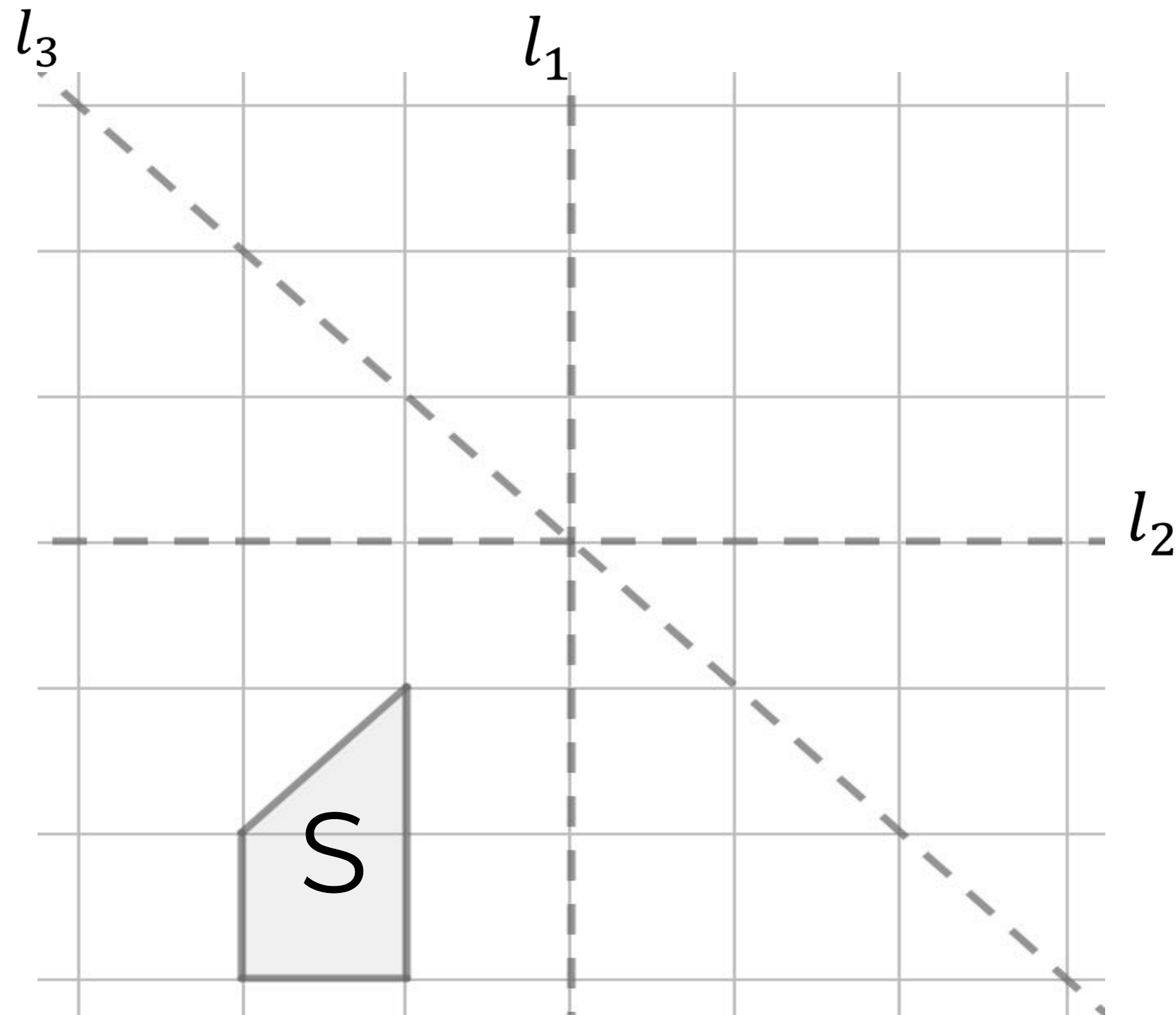
Mrs Buckmire

Try this

Copy the diagram and then reflect S in the lines l_1 , l_2 and l_3:

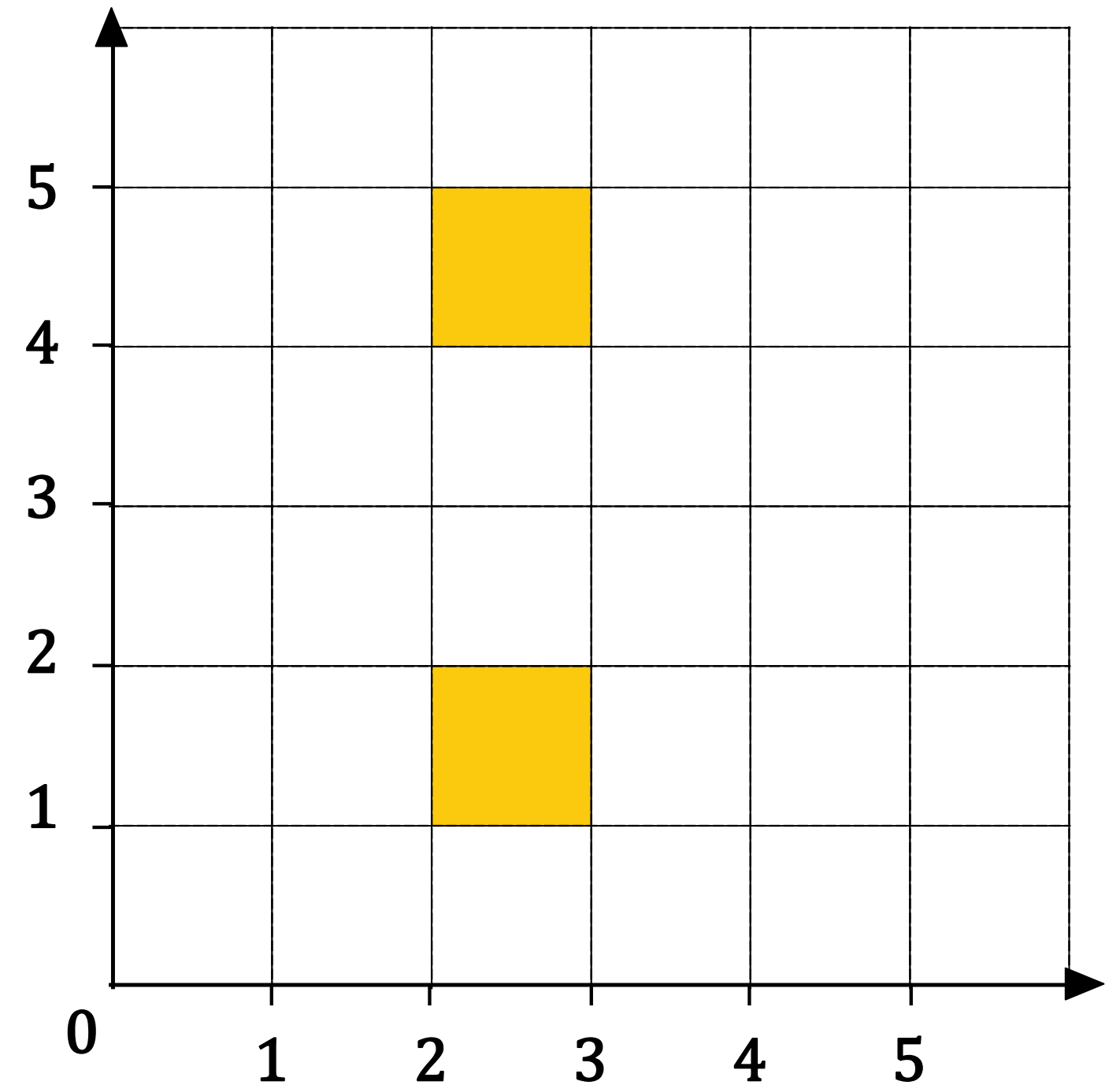Select two of the reflected shapes and describe the transformation between them.

Connect - Different Descriptions

There are different ways to transform one of the squares on to the other.
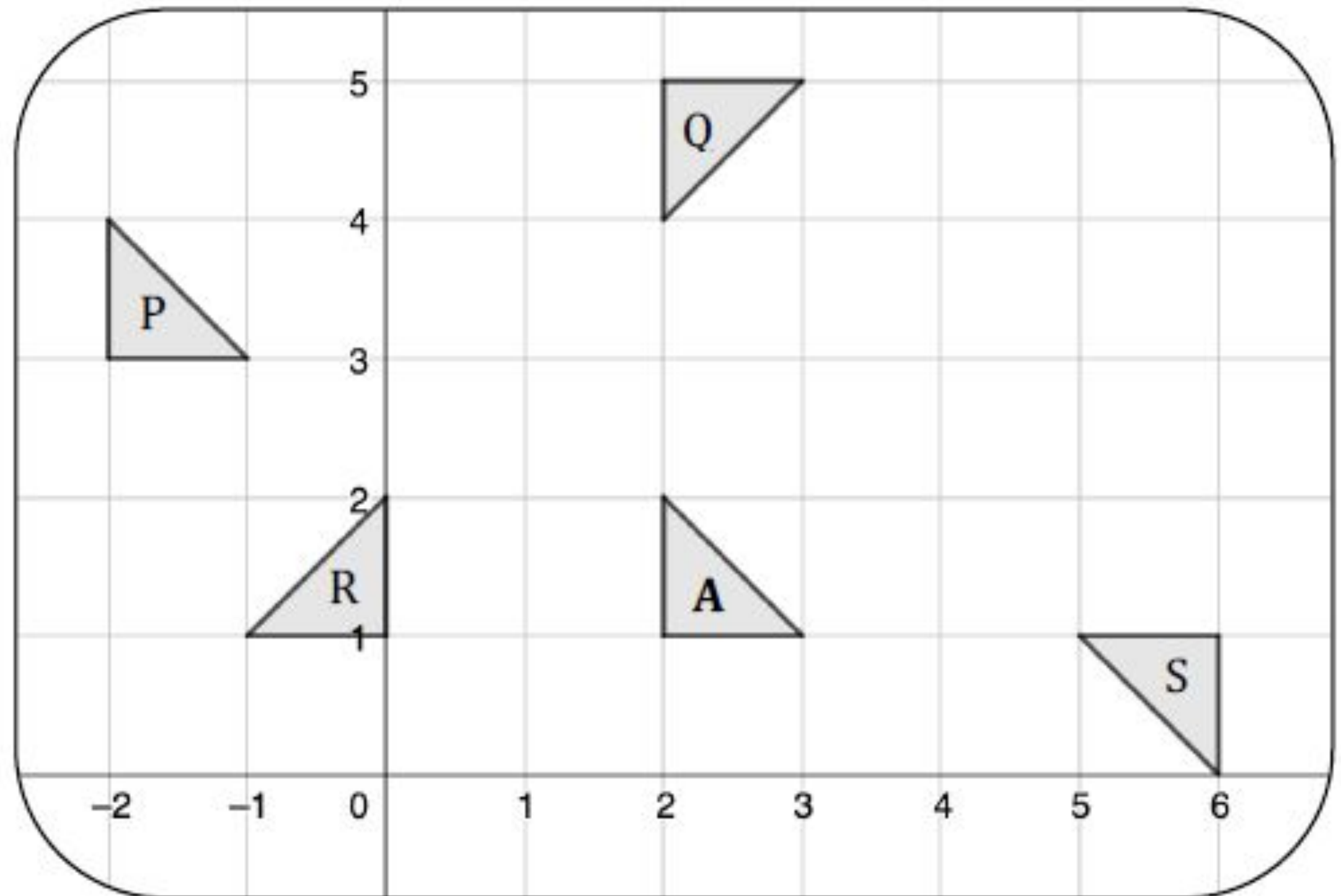Complete the descriptions:

I reflected …

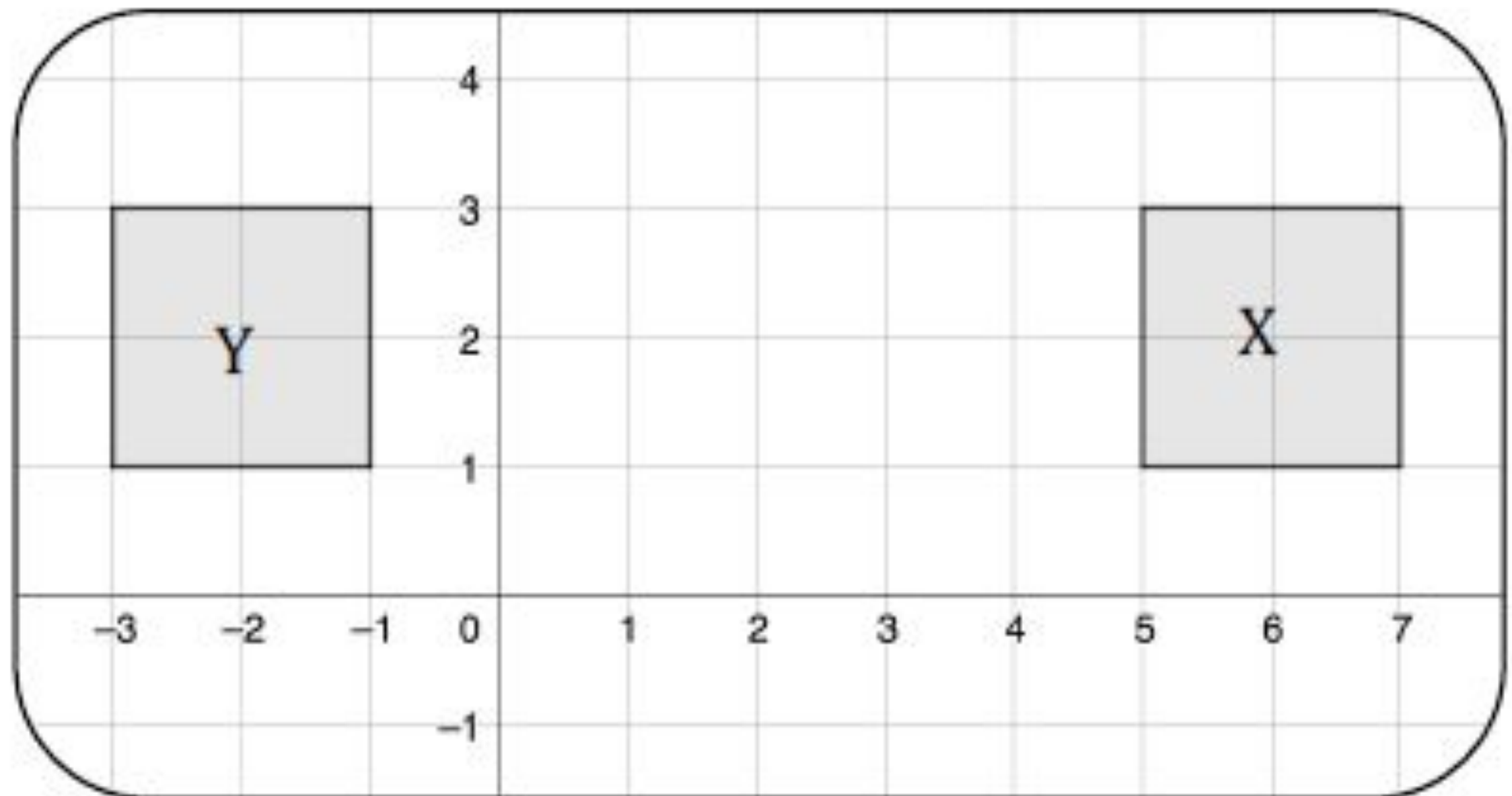I rotated …

I translated …

Independent task (page 1 of 2)

1. Write down the single transformation that which maps:

a) A onto R

b) A onto P

c) A onto Q

d) A onto S

Independent task (page 2 of 2)

2. Write down three different transformations that could have transformed Square X onto Square Y.

Explore

Explore the different transformations that take one square to another.

Can you describe the transformation of one shape to another in 3 different ways?

B

C

(-5, 3)

$(-2,3)$

$(-2,1)$

A

D

$(-5, -1)$