Mathematics

Combining Reflections Worksheet
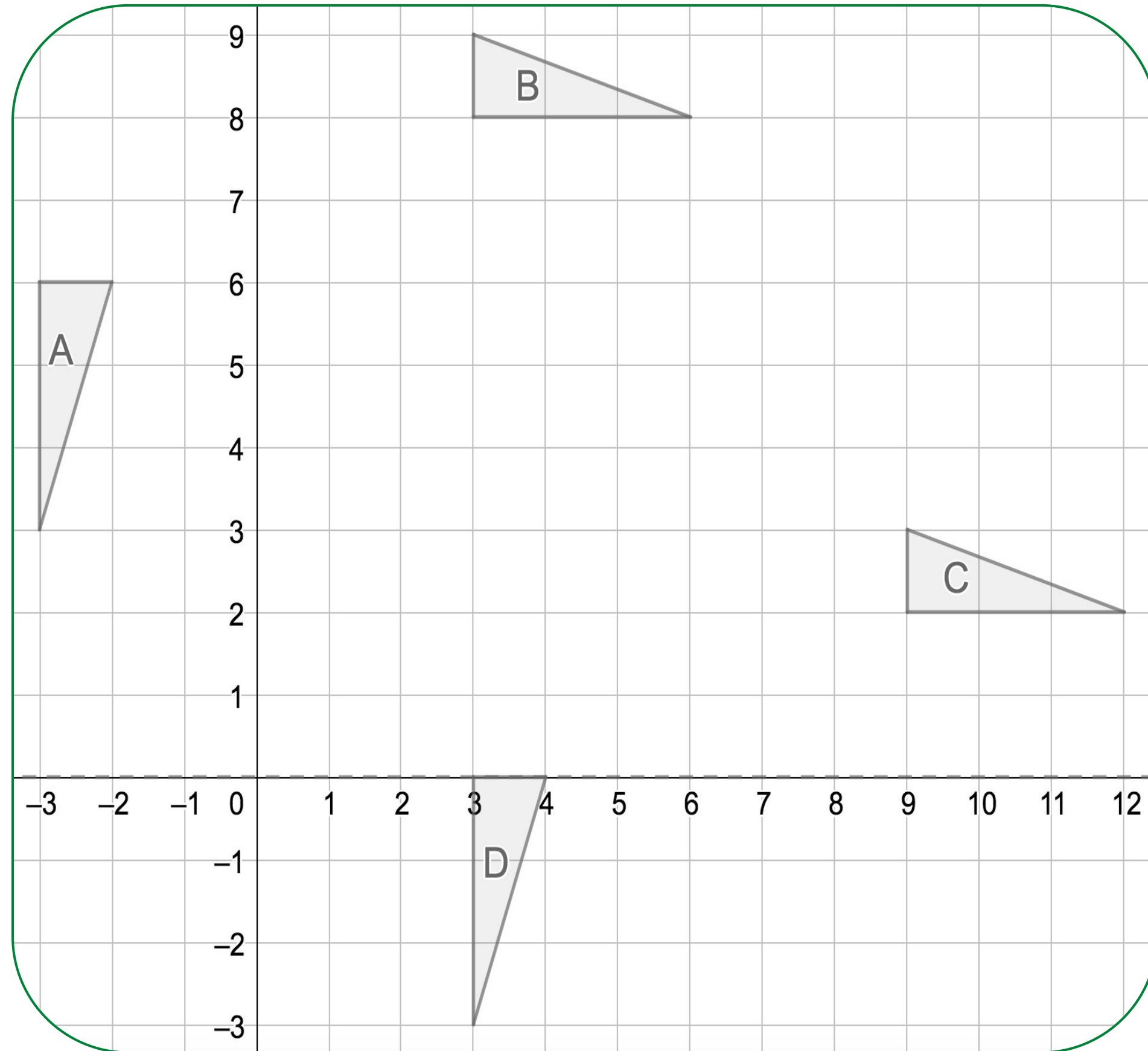
Mrs Buckmire

Try this

Reflect A in $x = 2$

Reflect B in $y = 7$

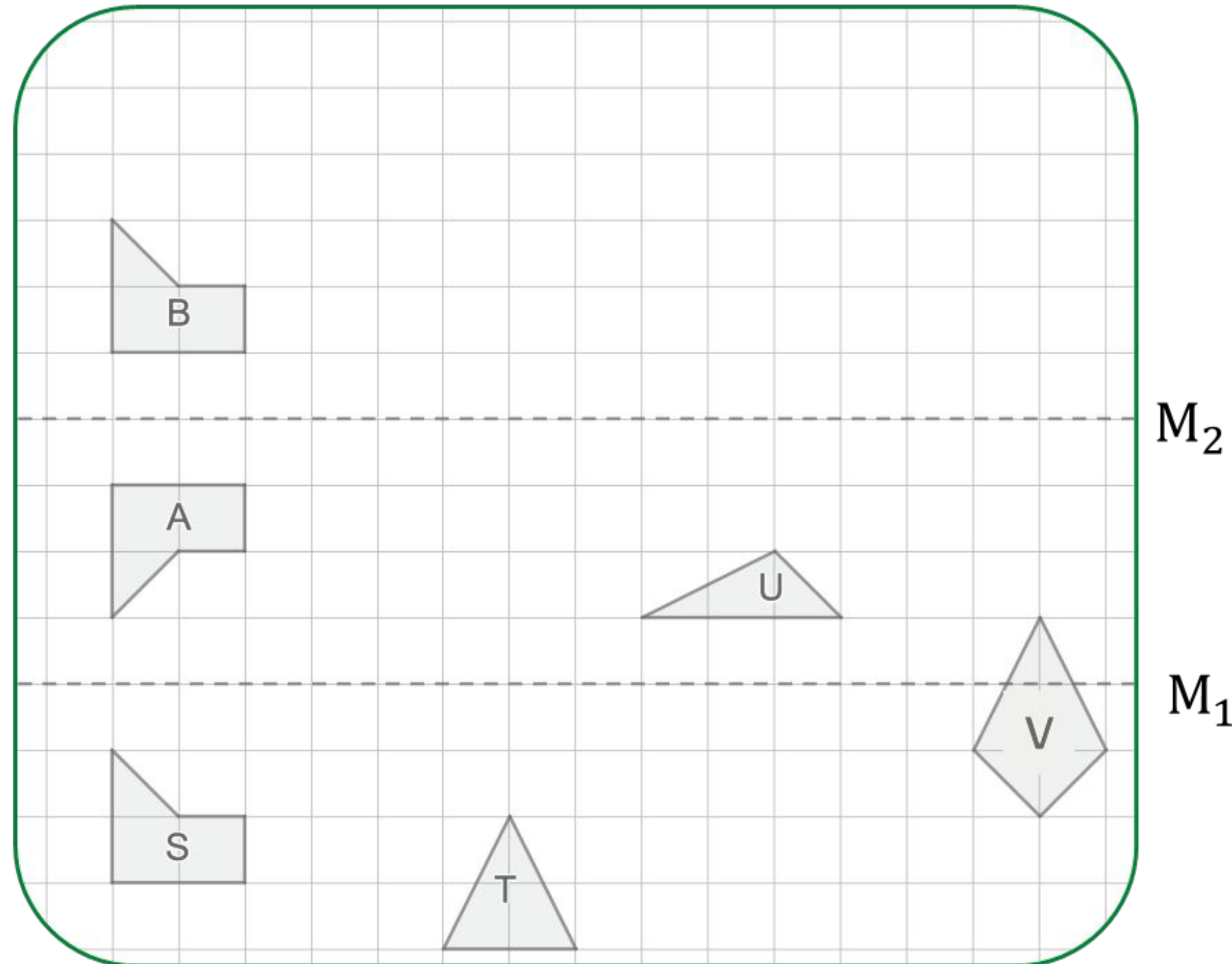Reflect C in $x = 8$

Reflect D in $y = 1$

Connect

We can sometimes describe the effect of **combining** transformations using a single transformation.

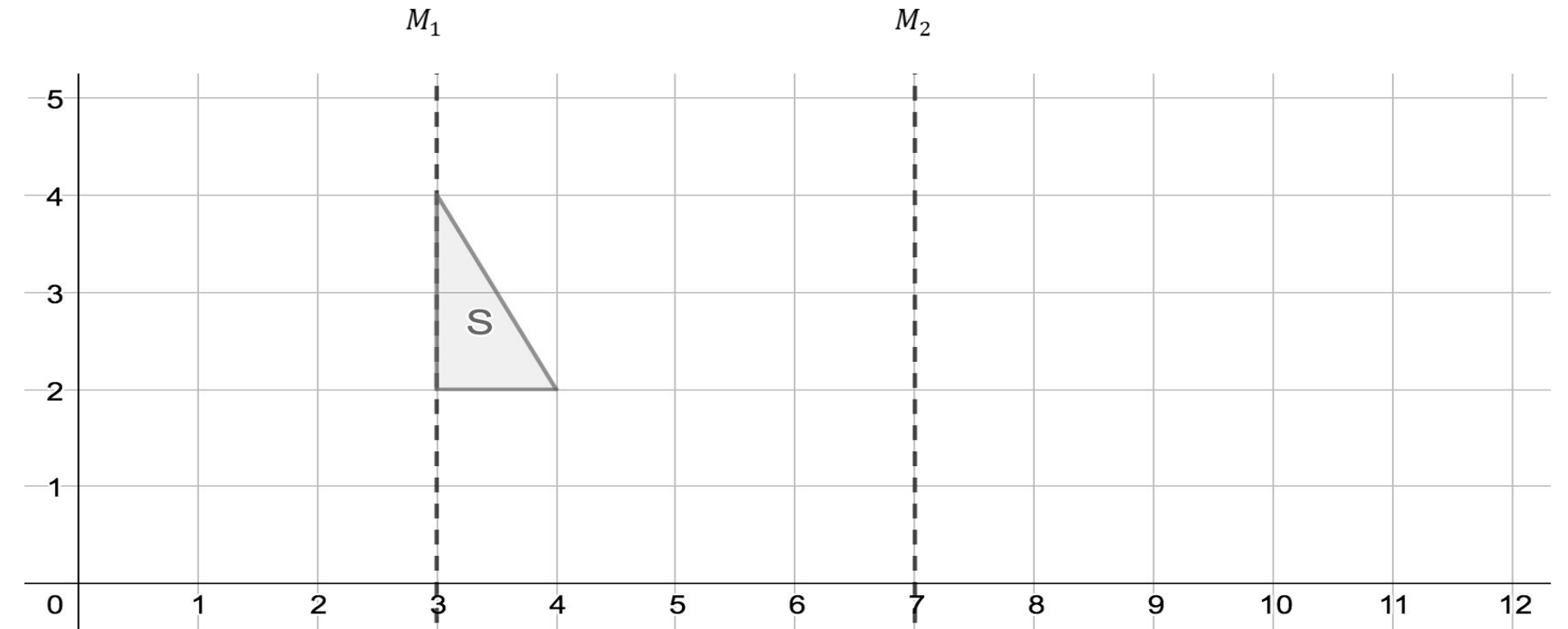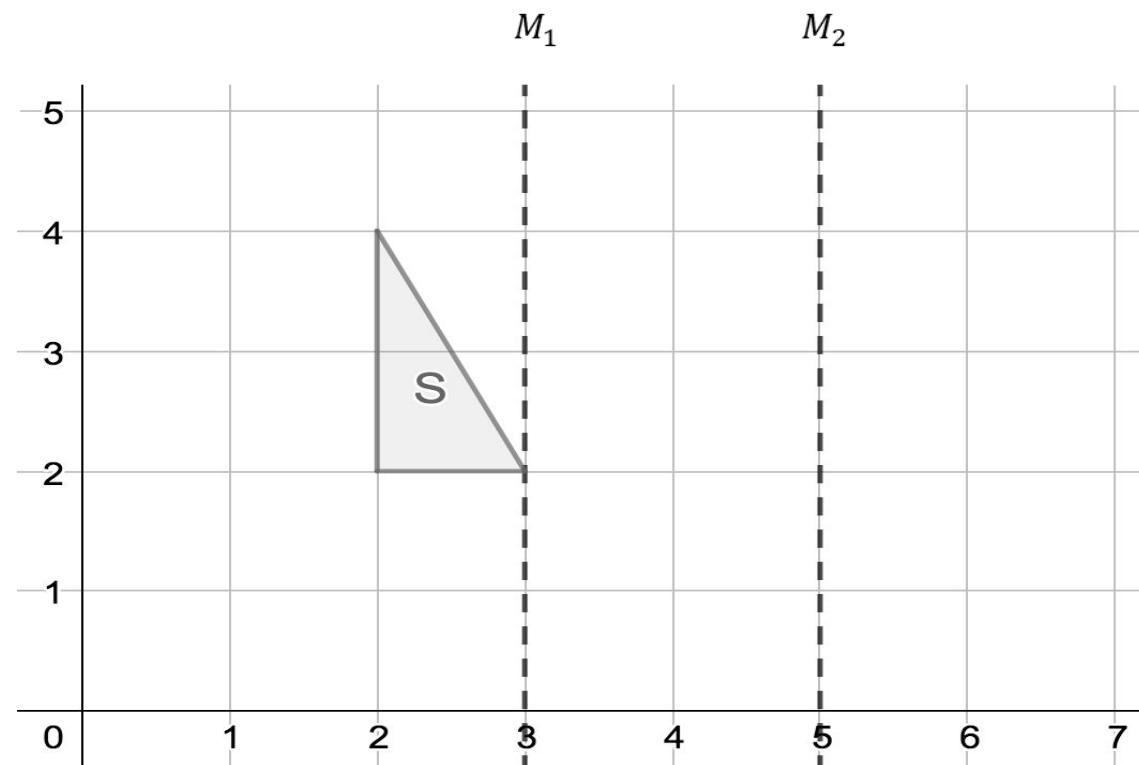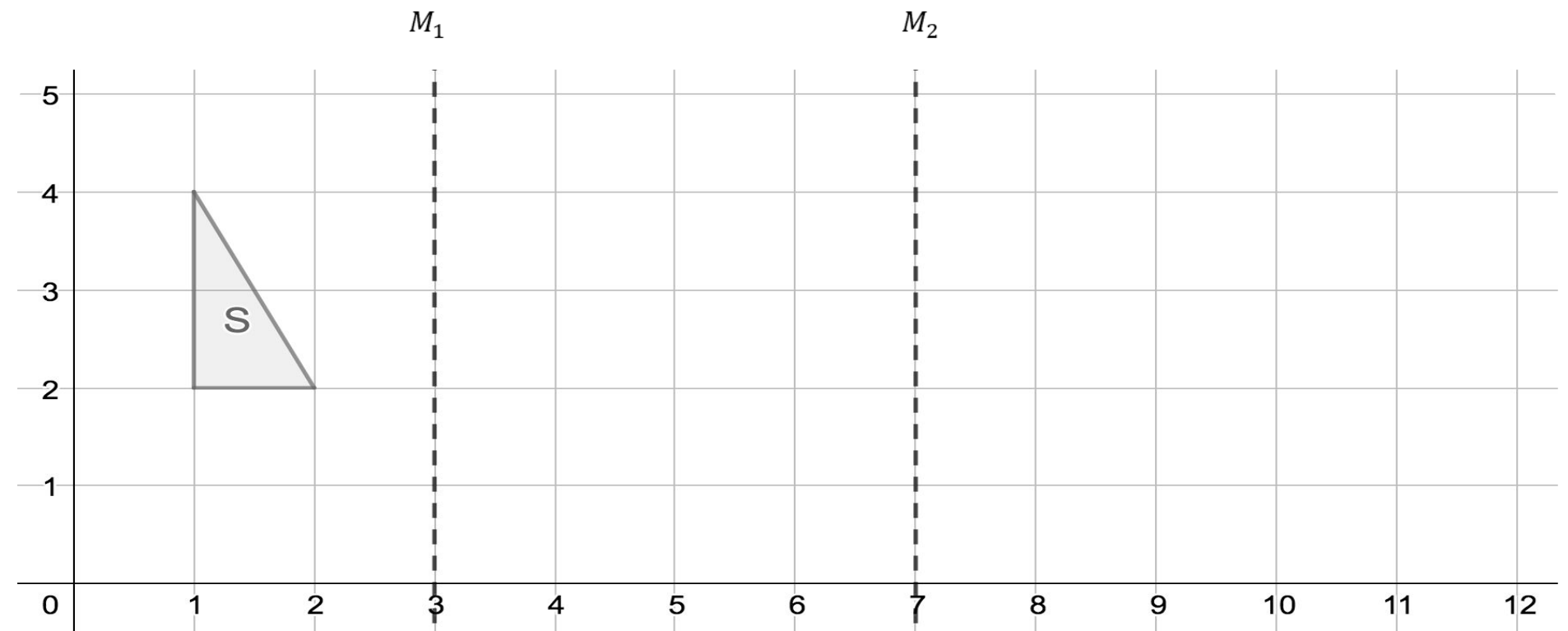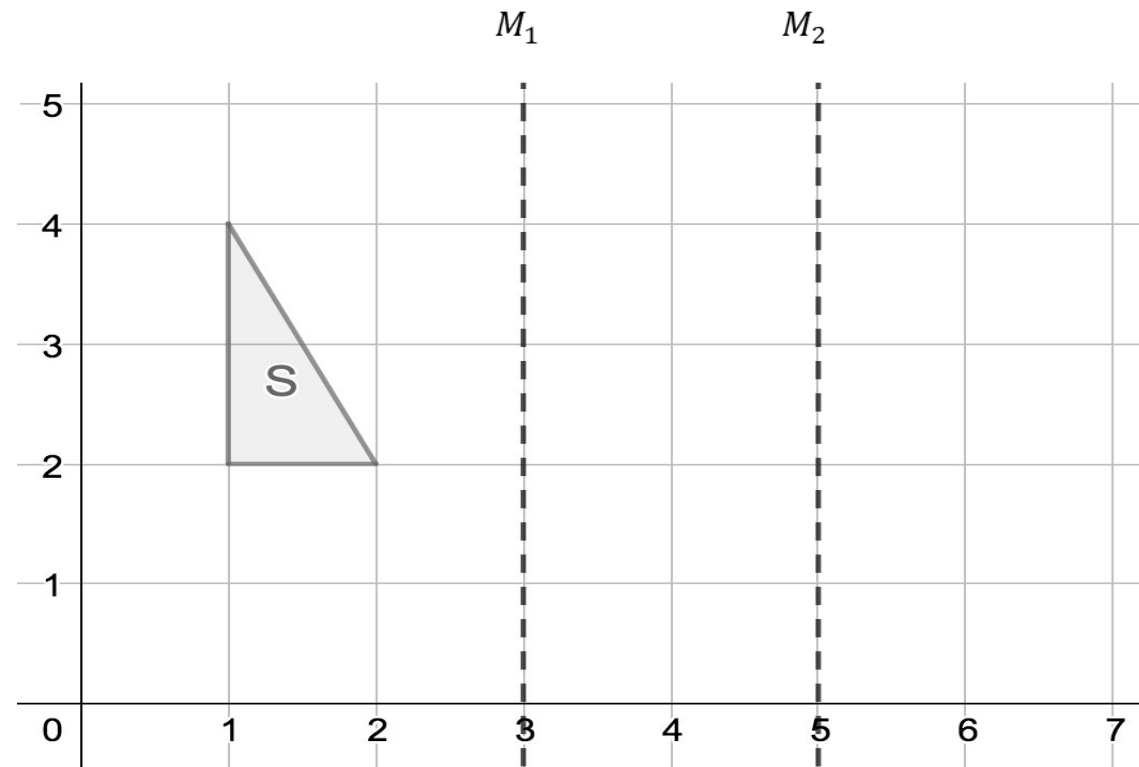Reflecting S in M_1 then in M_2 has the same effect as a translation

Explore the effect of this combination of reflections for: T, U and V.

Independent task

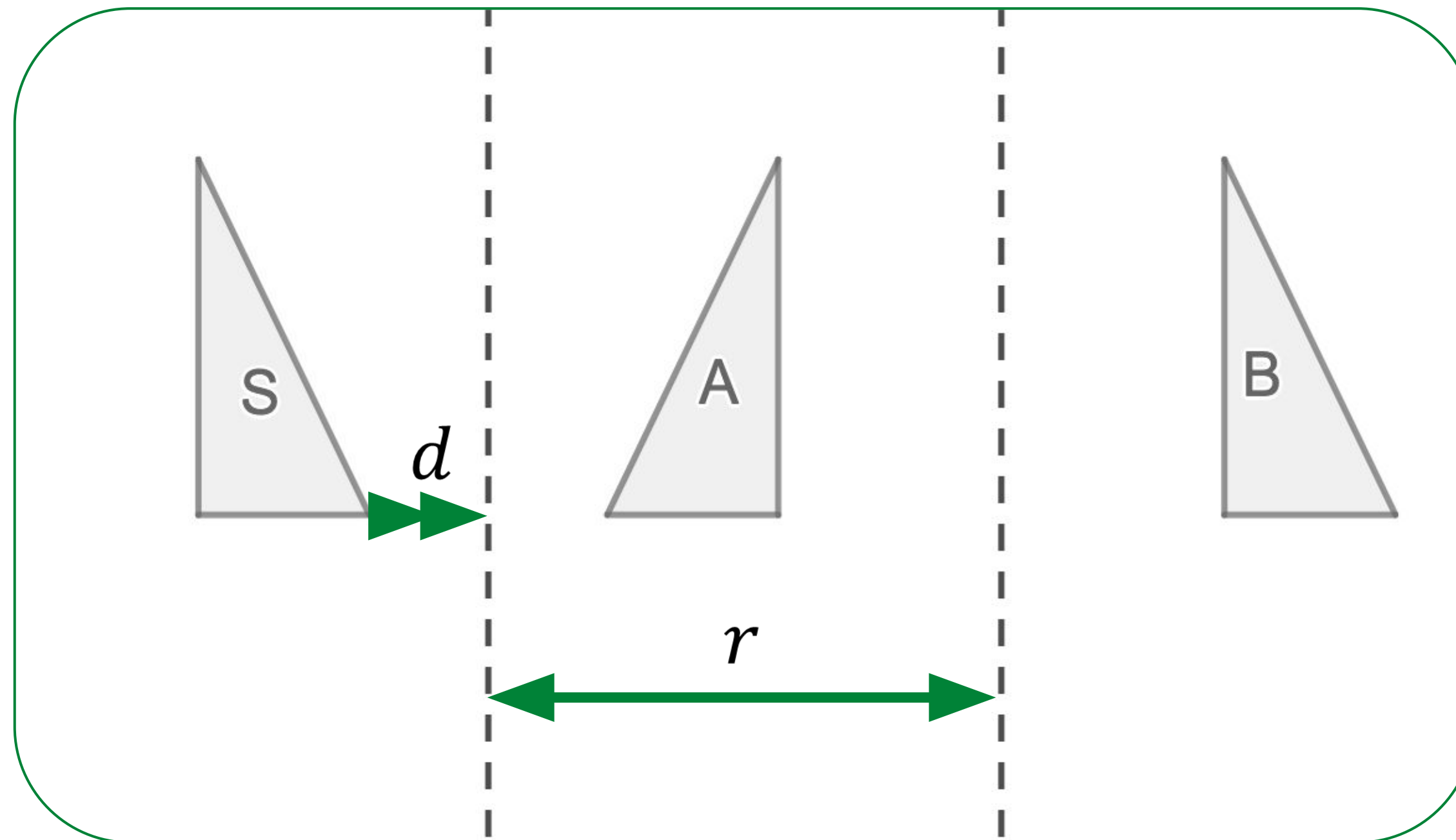Reflect S in M_1 then in M_2.
Describe the single transformation from S to to the final image.

Explore

S is reflected in M_1 then in M_2, shown below.
Describe the **single** transformation from S to B.