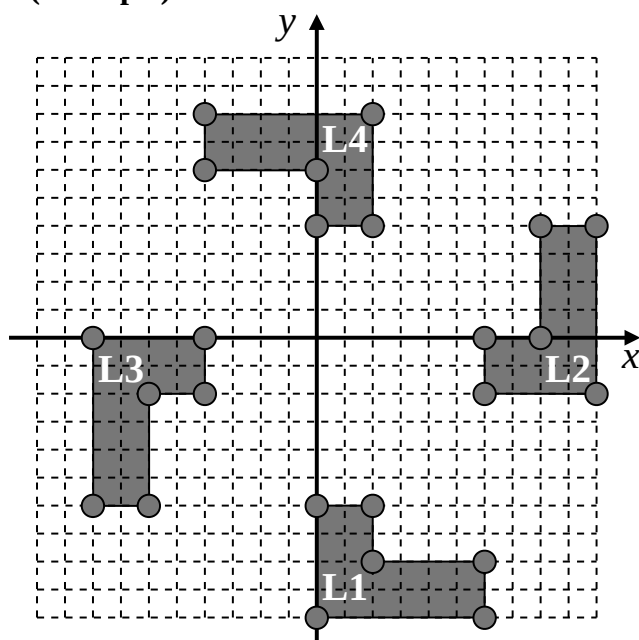


5.4 Answers

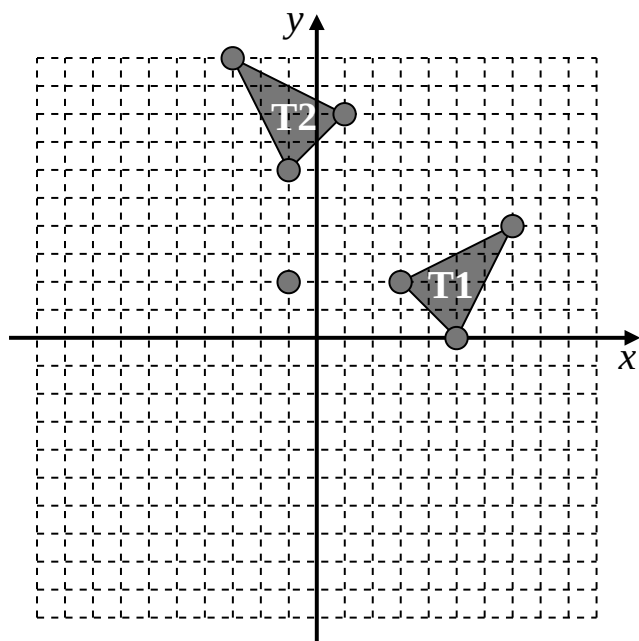
GCSE Mathematics Transformation Geometry

5.4.1 Solution (Example)

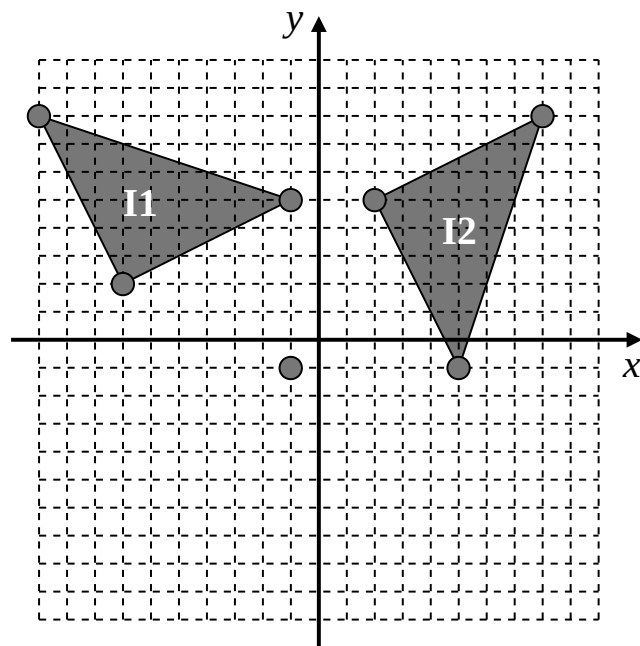


5.4.2. Solution (Exercise)

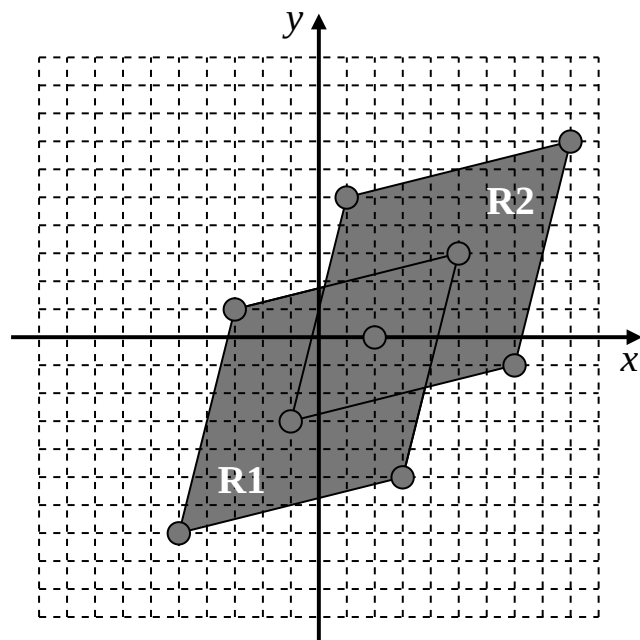
Answer 1



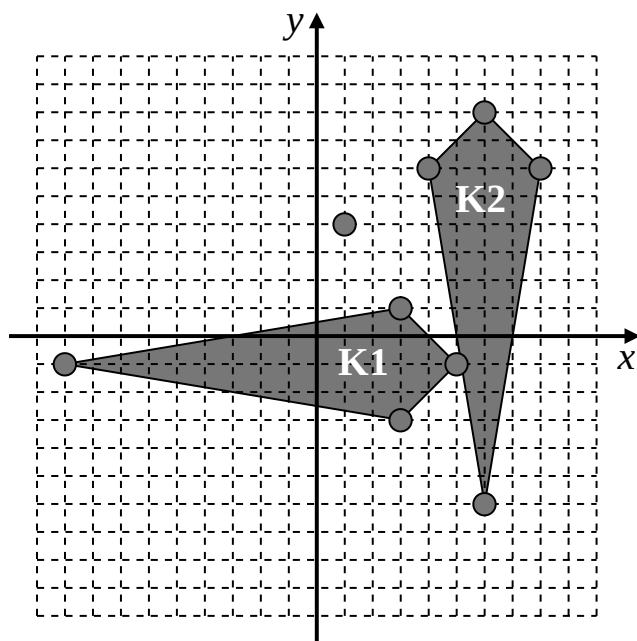
Answer 2



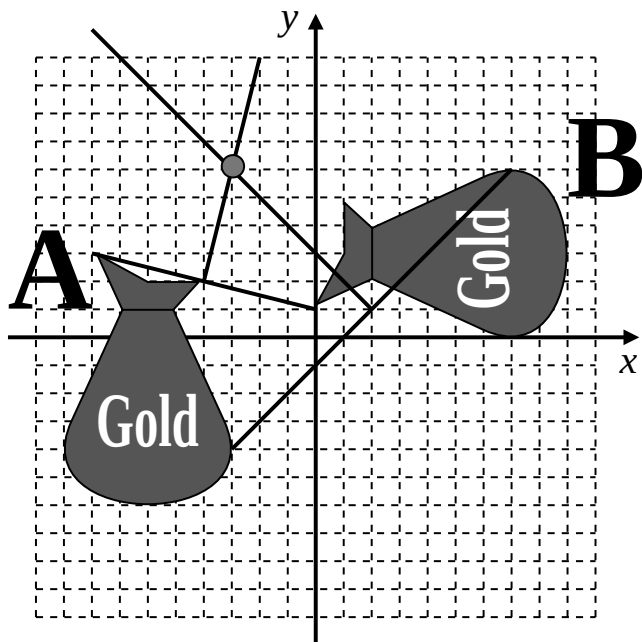
Answer 3



Answer 4



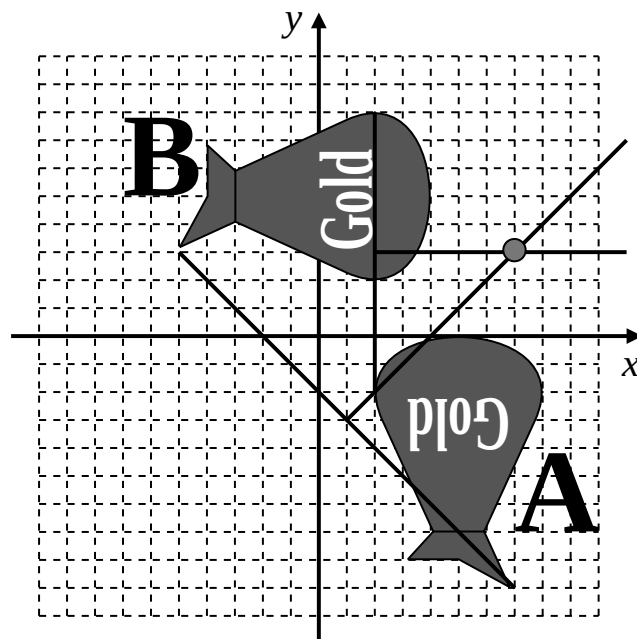
Answer 5



Rotation of 90° (anti-clockwise) about the point $(-3, 6)$

Construction shown but also can be found using tracing paper and experimentation.

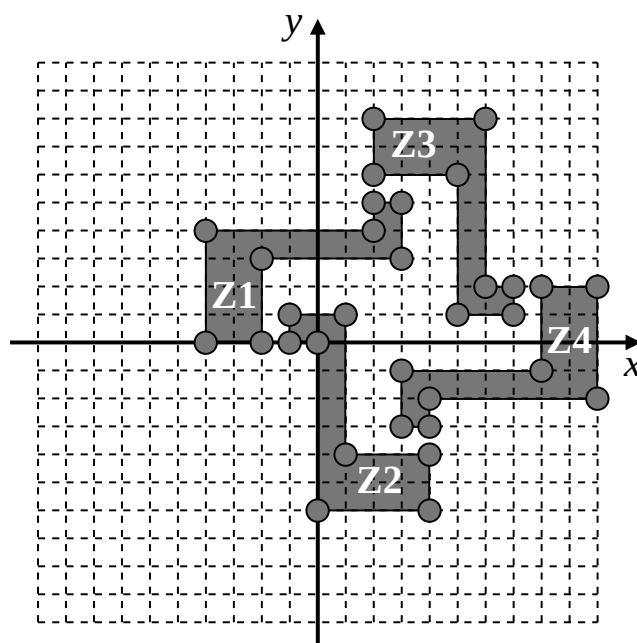
Answer 6



Rotation of 270° (anti-clockwise) about the point $(7, 3)$

Construction shown but also can be found using tracing paper and experimentation.

Answer 7



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In October 2020, Shrewsbury School was voted “**Independent School of the Year 2020**”

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Teachers may obtain detailed worked solutions to the exercises by email from mhh@shrewsbury.org.uk