

3.4 Answers

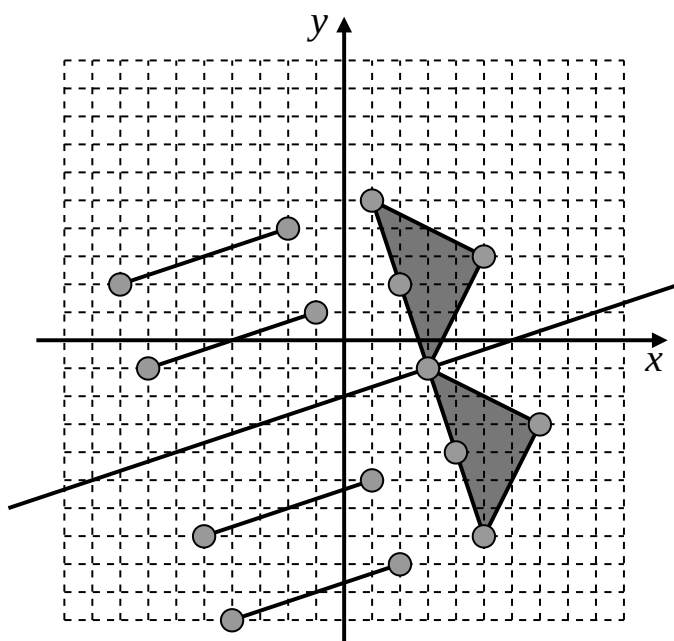
GCSE Mathematics Transformation Geometry

3.4.1 Solution (Example)

$$y = -0.5x + 1.5$$

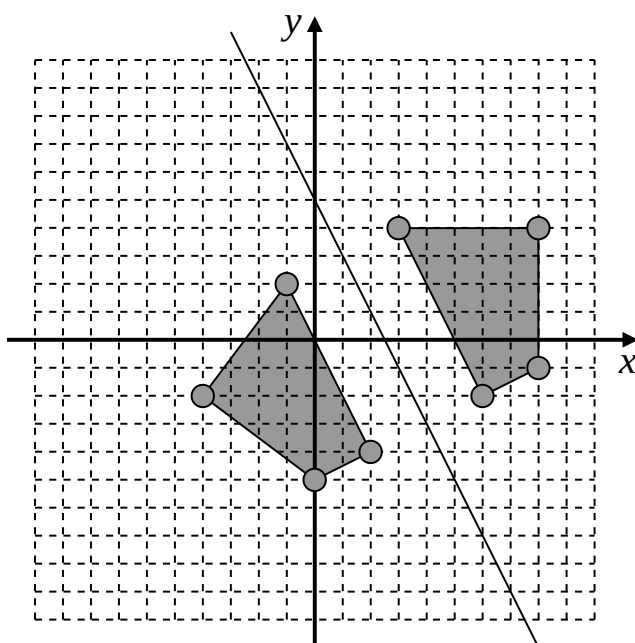
3.4.2 Solution (Exercise)

Answer 1



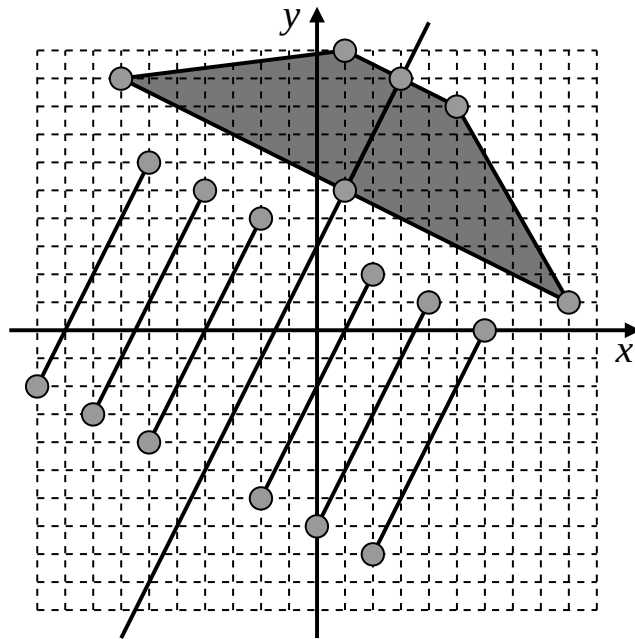
(ii) $y = \frac{1}{3}x - 2$

Answer 2



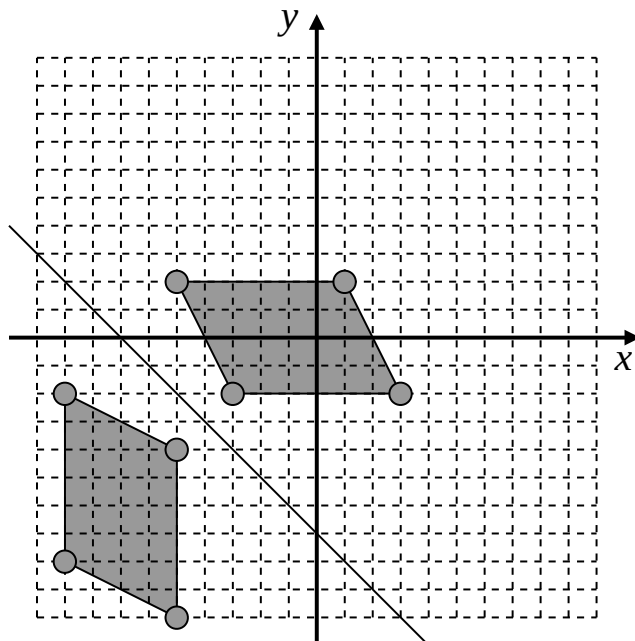
(ii) $y = -2x + 5$

Answer 3



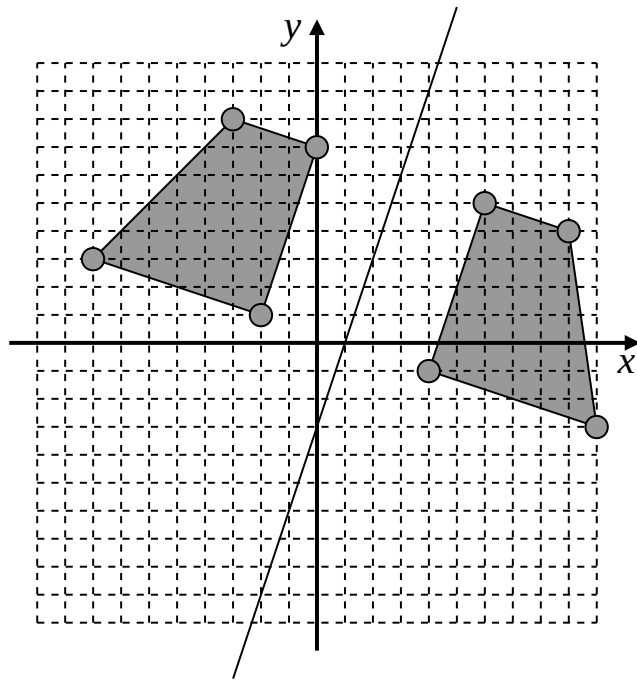
(ii) $y = 2x + 3$

Answer 4



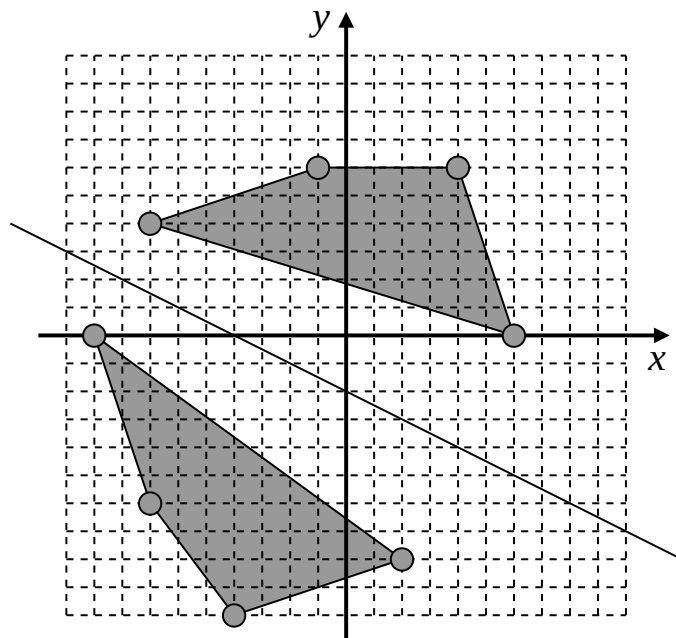
(ii) $y = -x - 7$

Answer 5



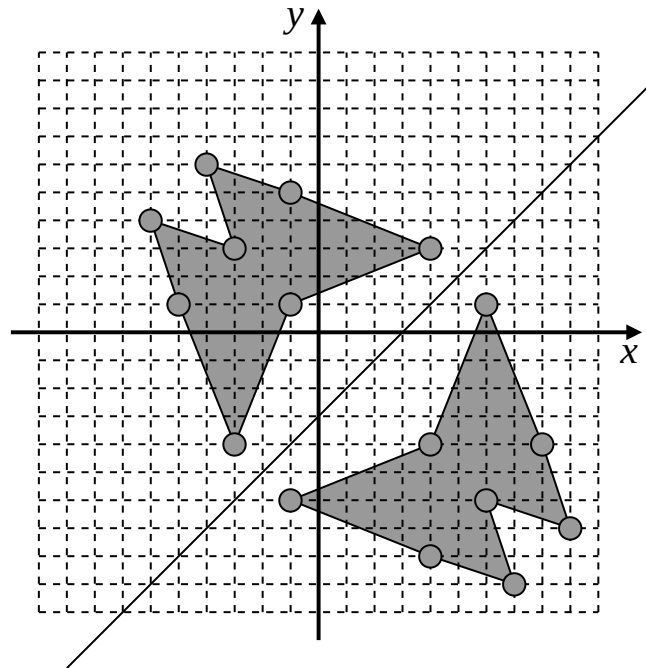
(ii) $y = 3x - 3$

Answer 6



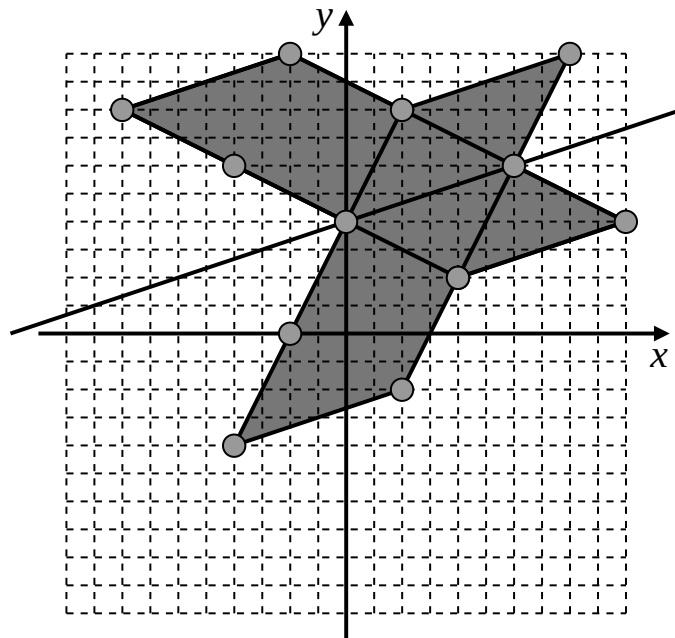
(ii) $y = -0.5x - 2$

Answer 7



(ii) $y = x - 3$

Answer 8



(ii) $y = \frac{1}{3}x + 4$

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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