Name: SOLUTIONS

GCSE (1 - 9)

Enlargement

Buy me a coffee

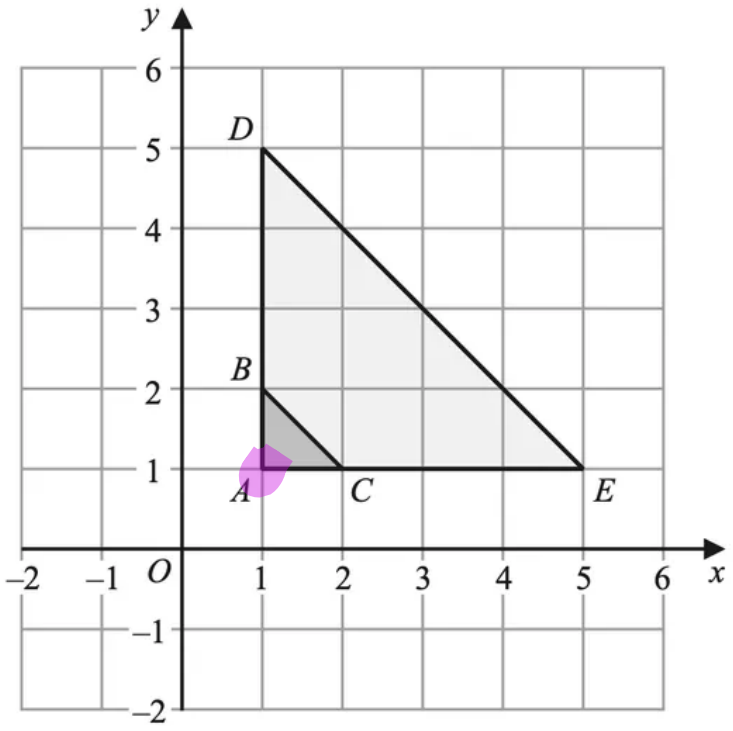
Solutions by
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These questions are compiled from *released* Pearson Edexcel GCSE maths exam papers
They contain exam questions from up until the ***Summer 2023*** exam series
More recent exam papers do exist but are withheld for mock exams
As new exam papers are released these worksheets will gradually be updated
The ***most current*** version of these worksheets will always be available at: kennethstafford.co.uk

Question	Where the question appeared
1	Edexcel, GCSE, Autumn 2021, Paper 3F, Q16
2	Edexcel, GCSE, Autumn 2019, Paper 2F, Q13
3	Edexcel, GCSE, November 2022, Paper 1F, Q11

1

Here is a diagram showing triangle ABC and triangle ADE.



Describe fully the single transformation that maps triangle ABC onto triangle ADE.

Enlargement

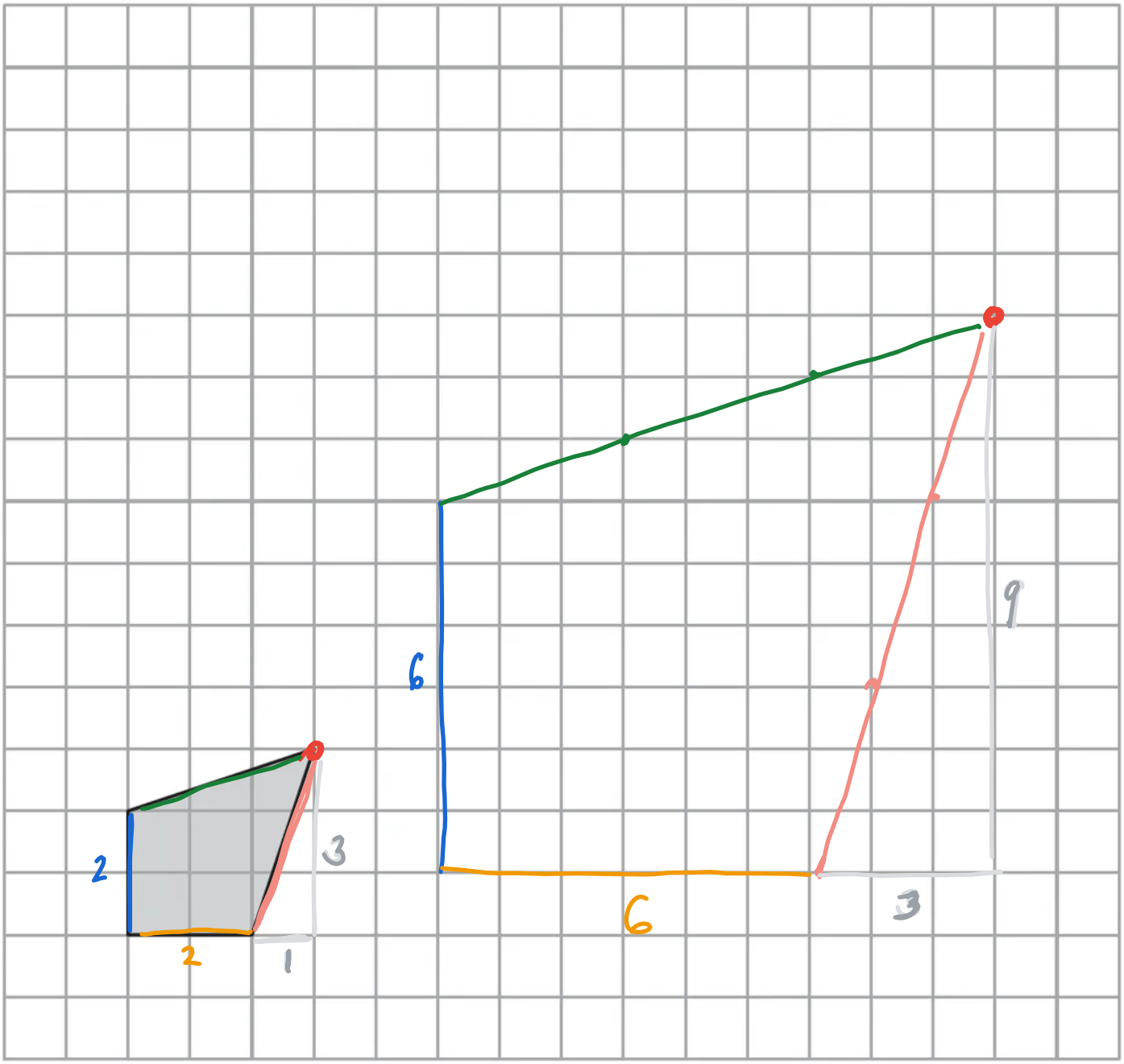
Scale Factor 4

Centre of enlargement (1,1)

(Total for Question 16 is 2 marks)

[Edexcel, GCSE, Autumn 2021, Paper 3F, Q16]

2



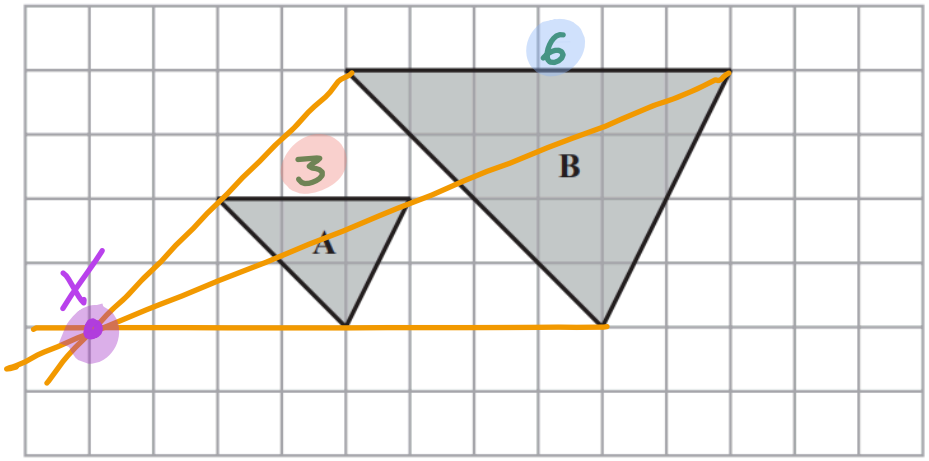
On the grid, draw an enlargement of the shaded shape with a scale factor of 3

(Total for Question 13 is 2 marks)

[Edexcel, GCSE, Autumn 2019, Paper 2F, Q13]

3

Here are two triangles on a grid.



Triangle **B** is an enlargement of triangle **A**.

(a) (i) Write down the scale factor of the enlargement.

6 ÷ 3 = 2

.....

(1)

(ii) On the grid, mark with a cross (×) the centre of enlargement.

(1)

[Edexcel, GCSE, November 2022, Paper 1F, Q11]