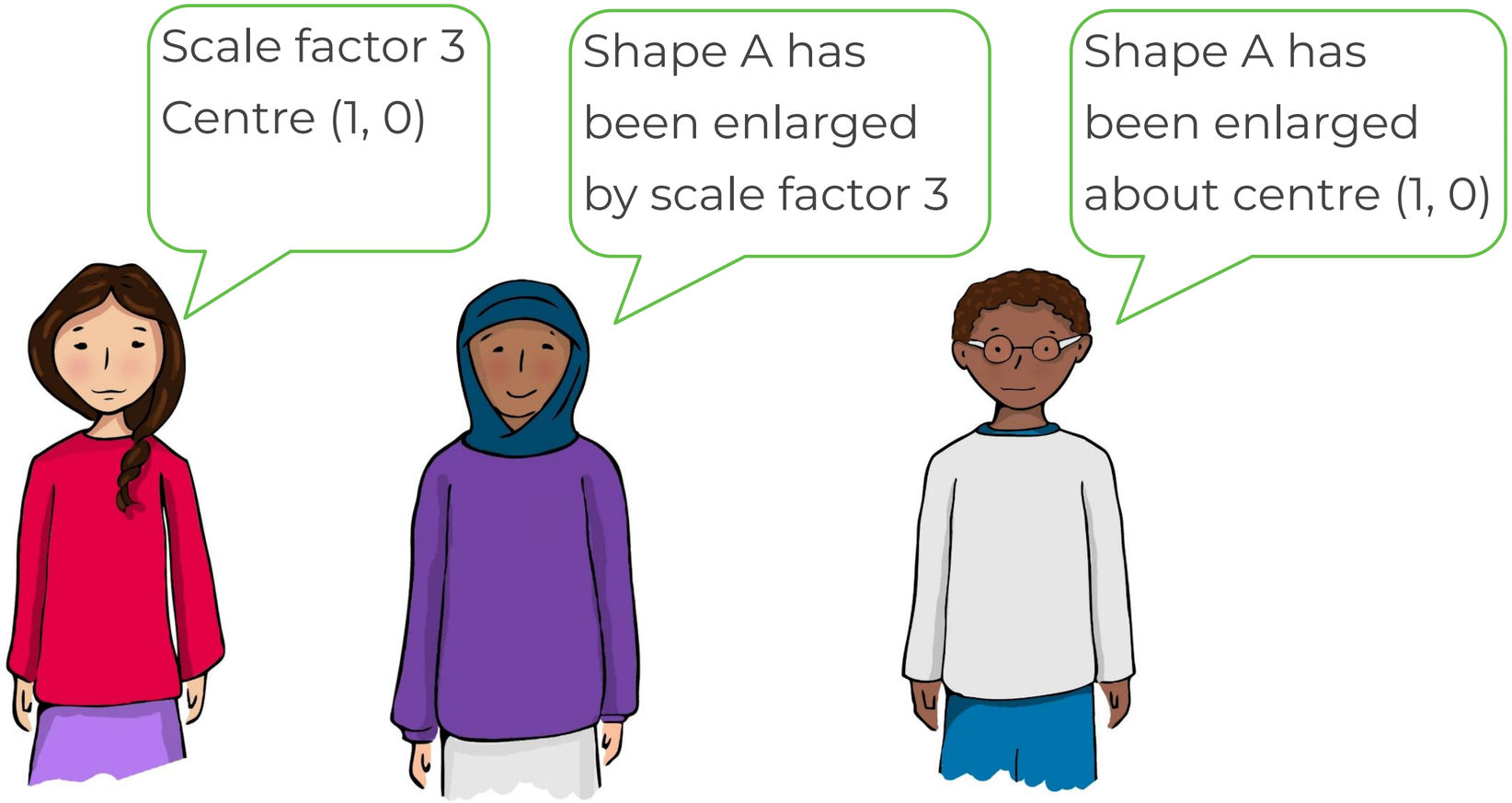
Mathematics

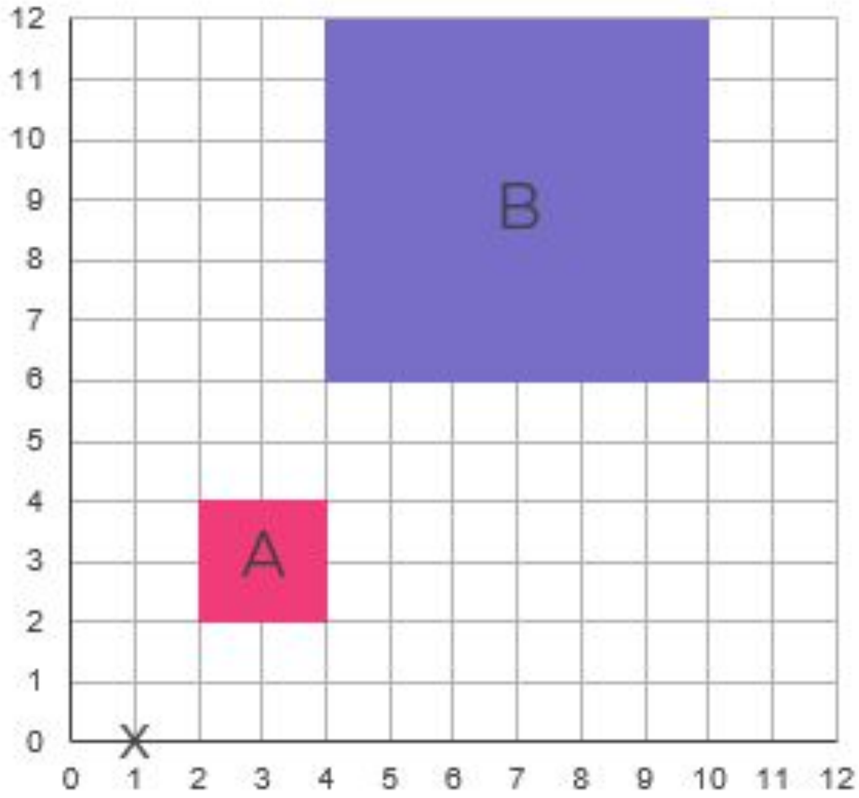
Describing Enlargements
Lesson 5 of 8
Downloadable Resource

Miss Kidd-Rossiter

Try this

What's missing from each pupil's instructions?



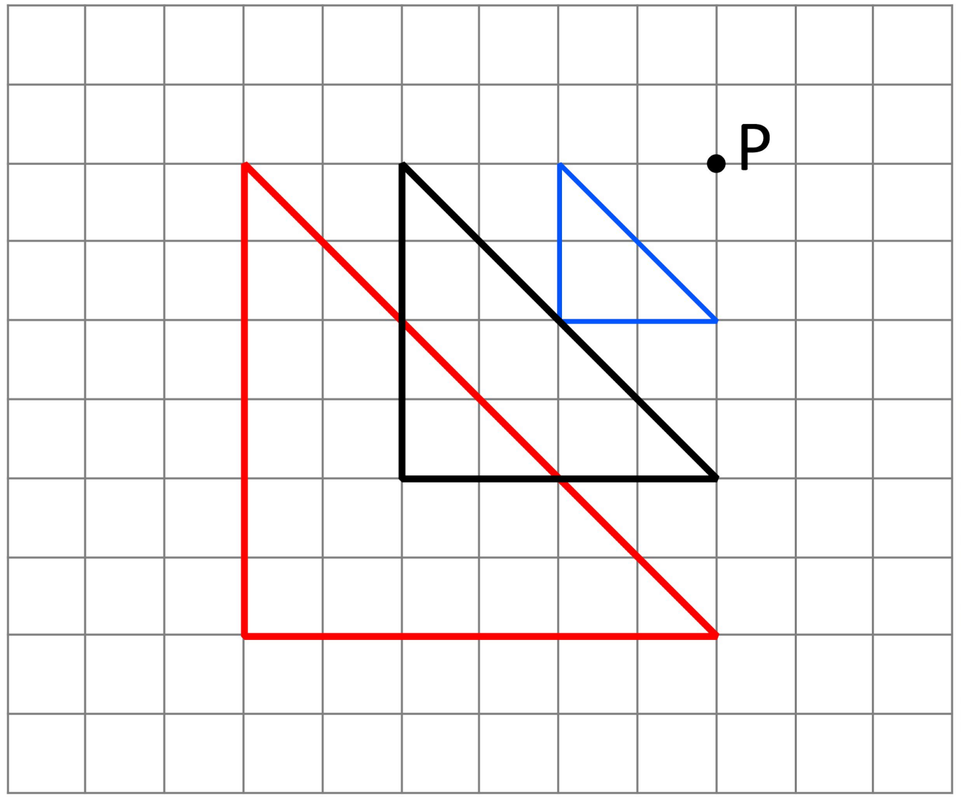


Connect

Describe these enlargements

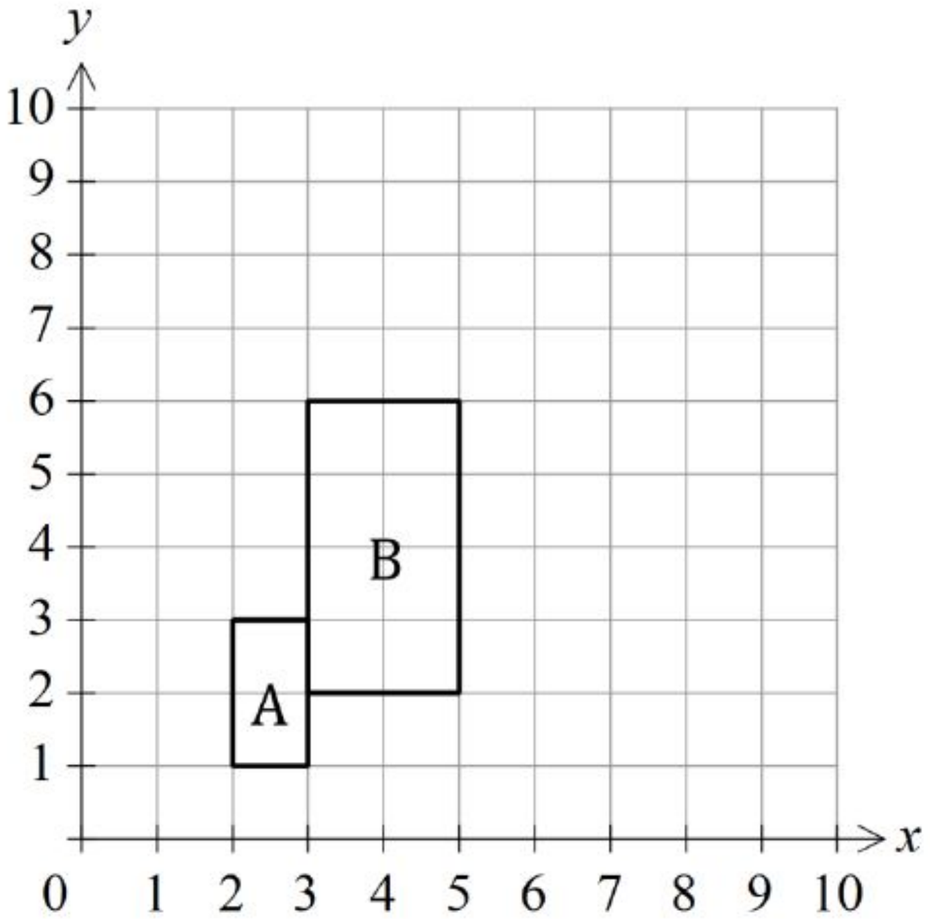
Describe fully the enlargements if:

- the blue triangle is the object
- if red triangles is the object
- if the black triangle is the object



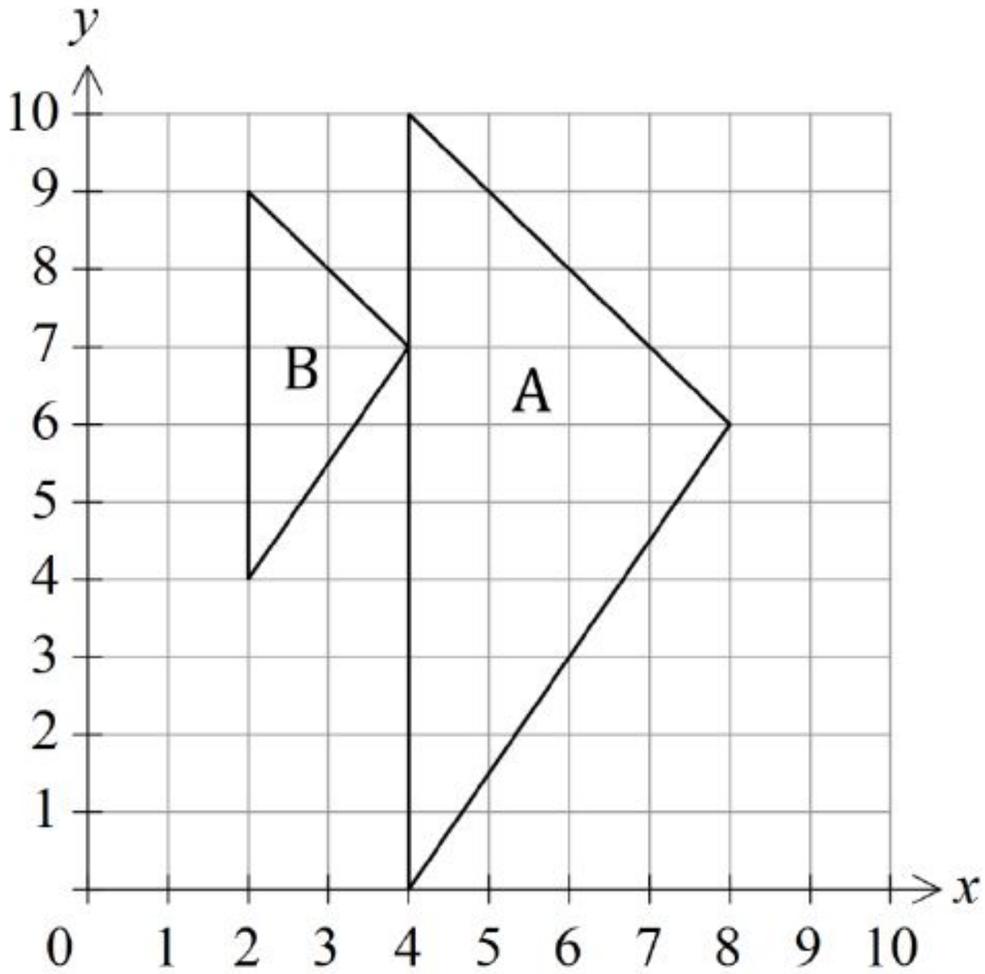
Independent task

1. Describe fully the enlargement that maps
    1. A onto B
    2. B onto A



Independent task

2. Describe fully the enlargement that maps
    1. A onto B
    2. B onto A

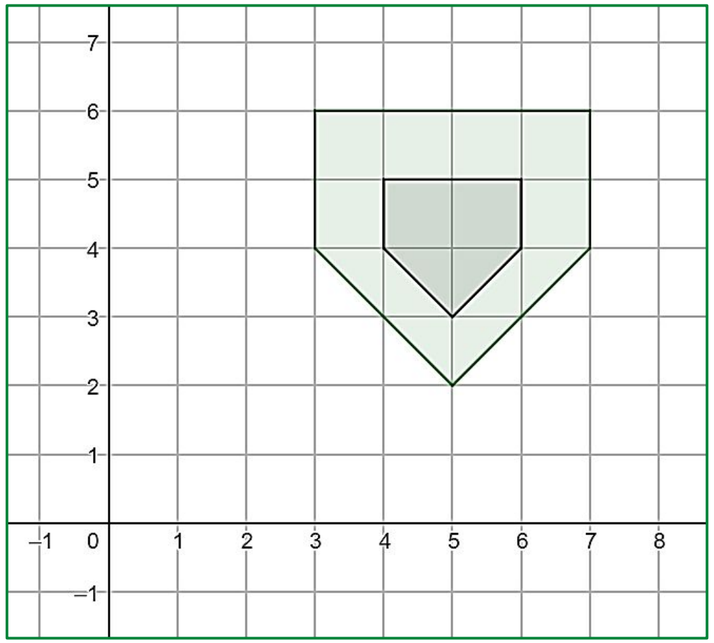


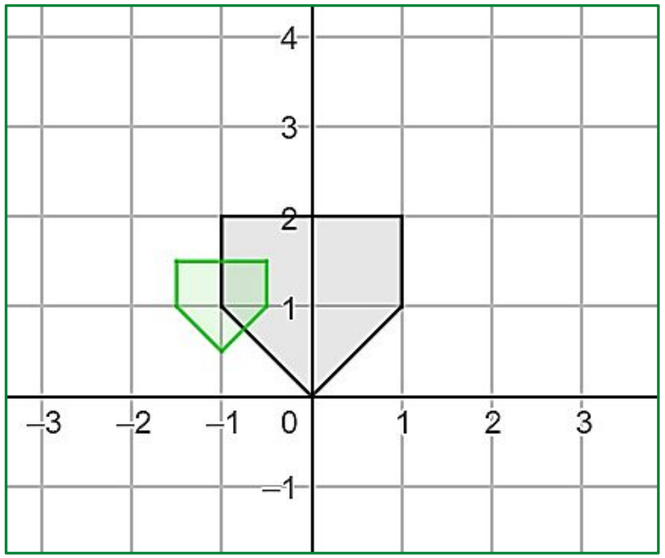
Independent task

3. In each picture, the **green** pentagon is an enlargement of the **grey** pentagon.

   a. Fully describe each enlargement.

   b. Draw another enlargement about the same centre for each diagram.

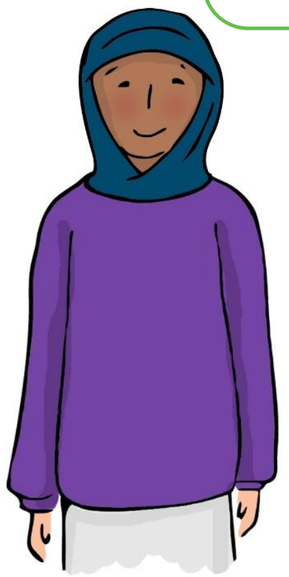




Explore

Which student do you agree with? Why?

You need to use all the corresponding vertices to find the centre of enlargement.



I think you can use any two corresponding points to find the centre of enlargement.