

Objective: To enlarge by a fractional scale factor



Met



Partially
Met

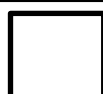


Not Met

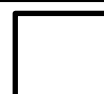
Work on the
following sections:



Section 1

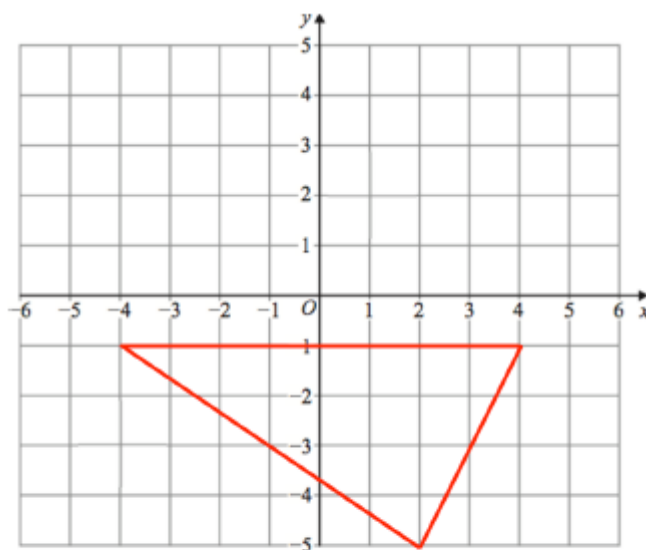


Section 2



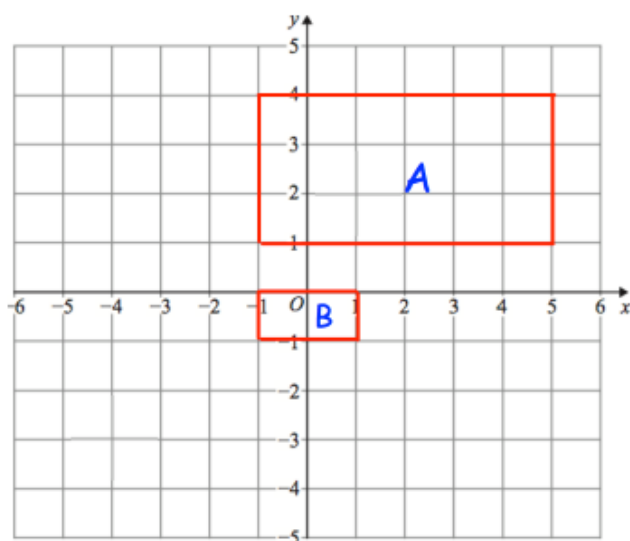
Extension

Section 1



Enlarge by scale factor $\frac{1}{2}$ using
(0, 1) as the centre of enlargement

Section 2



Fully describe the
single transformation
that maps shape A
onto shape B.

Extension

Rectangle ABCD has coordinates A(1,4), B(7,4), C(7,-8) and D(1,-8). The rectangle is enlarged by a scale factor of $\frac{1}{3}$ about the point (10,7). Write down the coordinates of the enlarged rectangle A'B'C'D'.