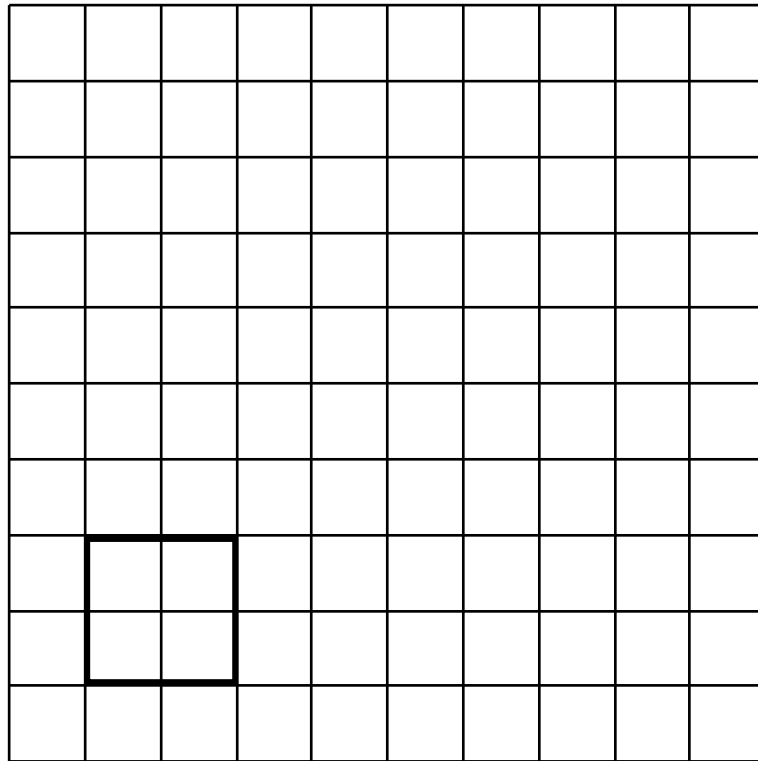


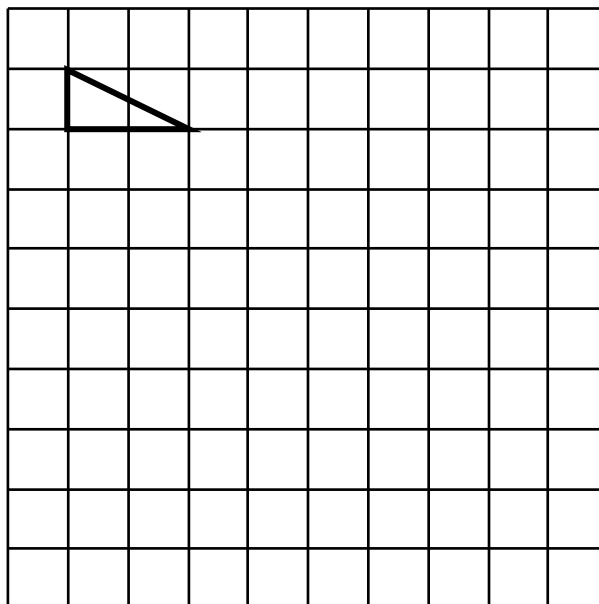
# Enlargements

1. Enlarge the shape below by a scale factor of 2



(2 marks)

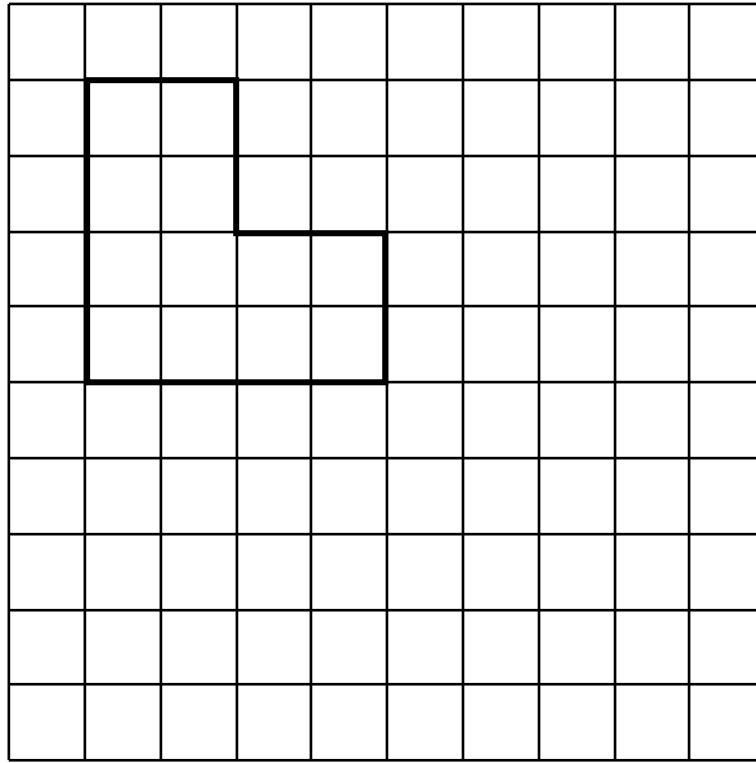
2. Enlarge the shape by a scale factor of 3



(2 marks)

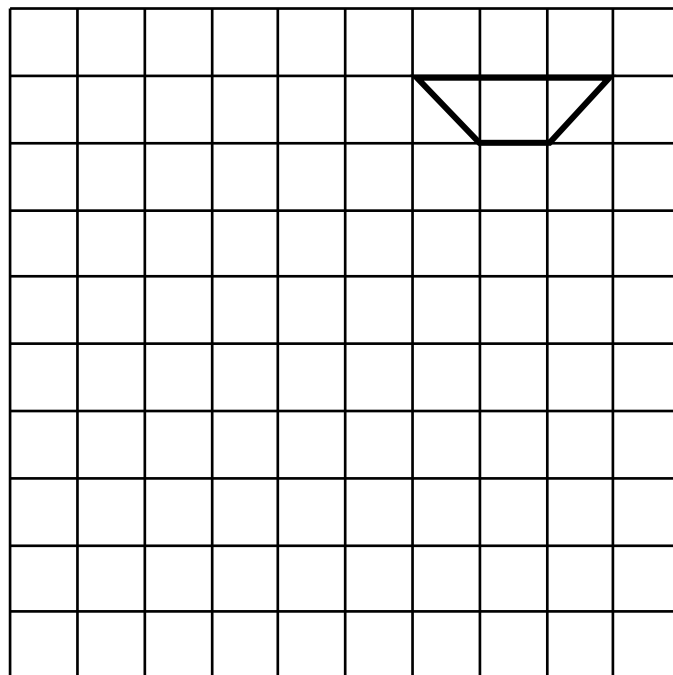
# Enlargements

3. Enlarge the shape below by a scale factor of a  $\frac{1}{2}$



(2 marks)

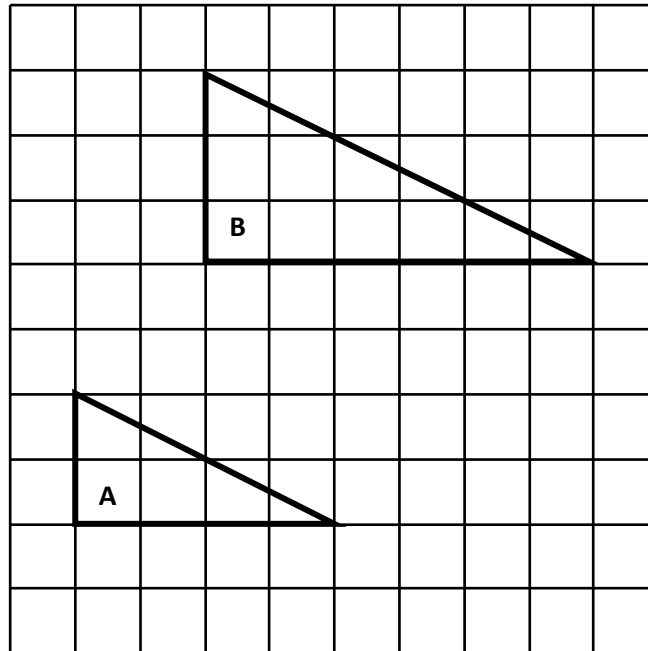
4. Enlarge the shape below by a scale factor of 3



(2 marks)

# Enlargements

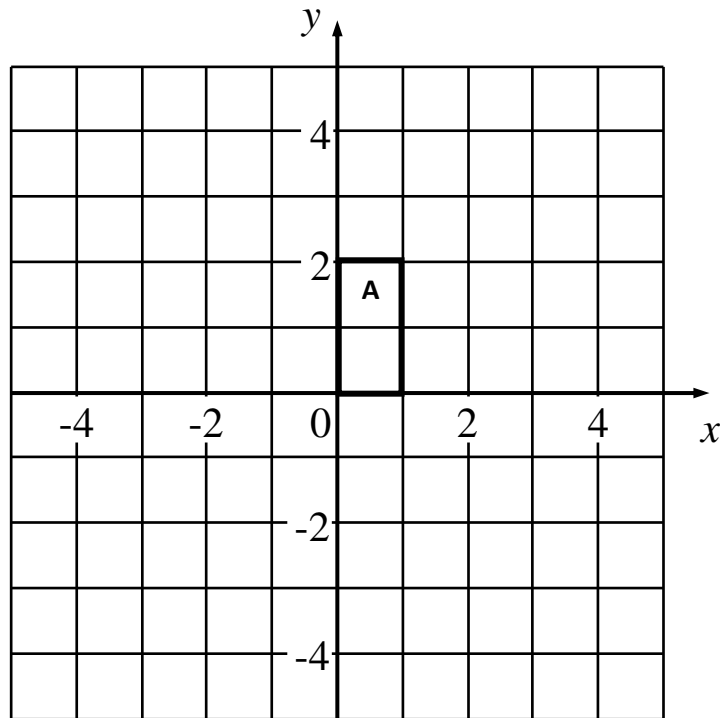
5. What is the scale factor for the enlargement of shape A to shape B?



(1 mark)

# Enlargements

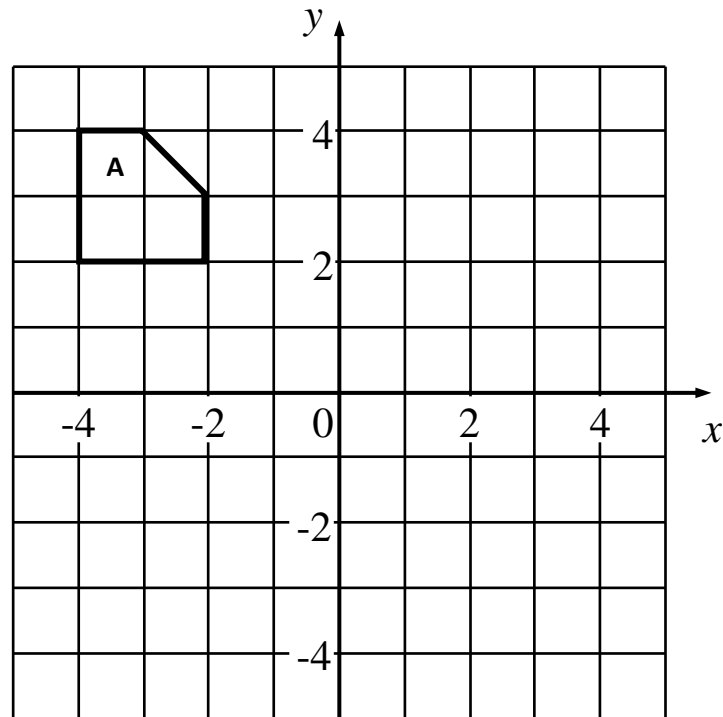
6. Enlarge shape A by a scale factor of 2, using the origin as a centre of enlargement.



(3 marks)

# Enlargements

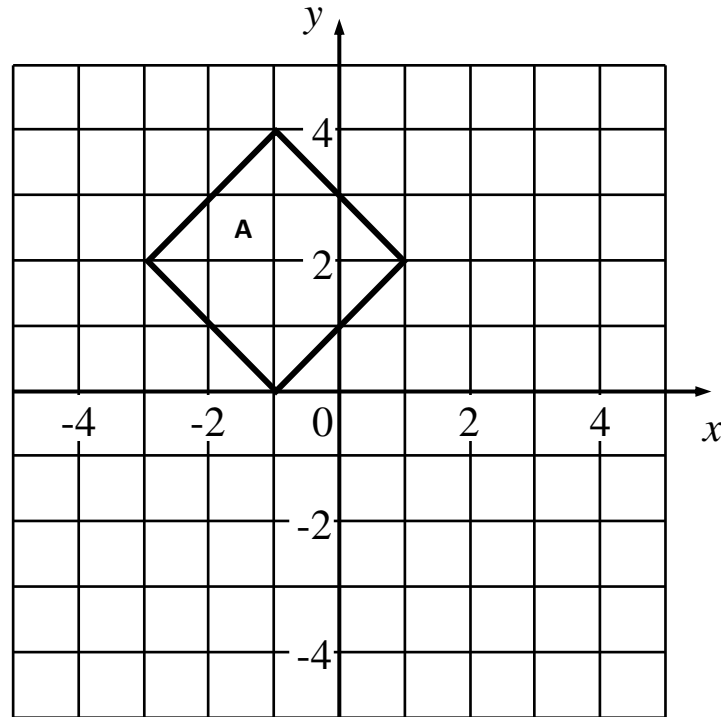
7. Enlarge shape A by a scale factor of 3 using a centre of enlargement of  $(-5, 5)$



(3 marks)

# Enlargements

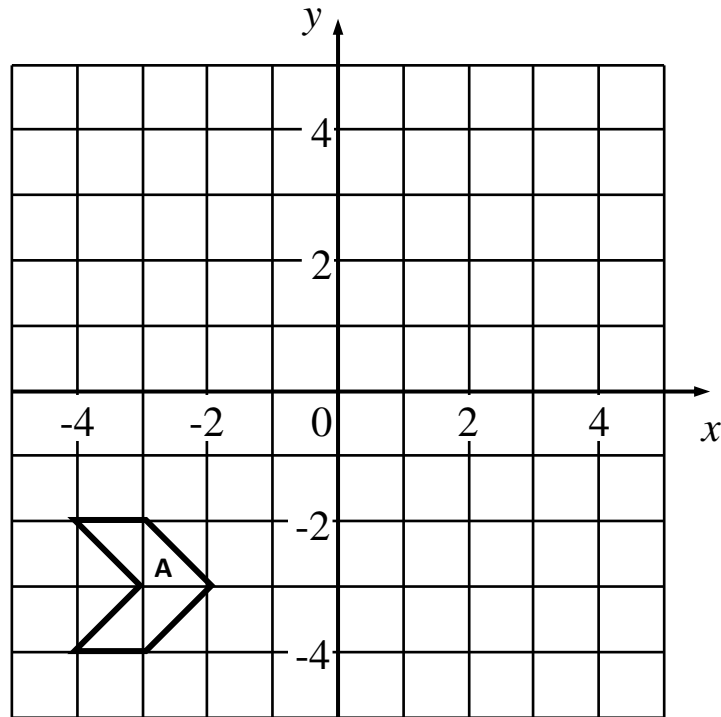
8. Enlarge shape A by a scale factor of 0.5, using centre of enlargement (5, 4)



(3 marks)

# Enlargements

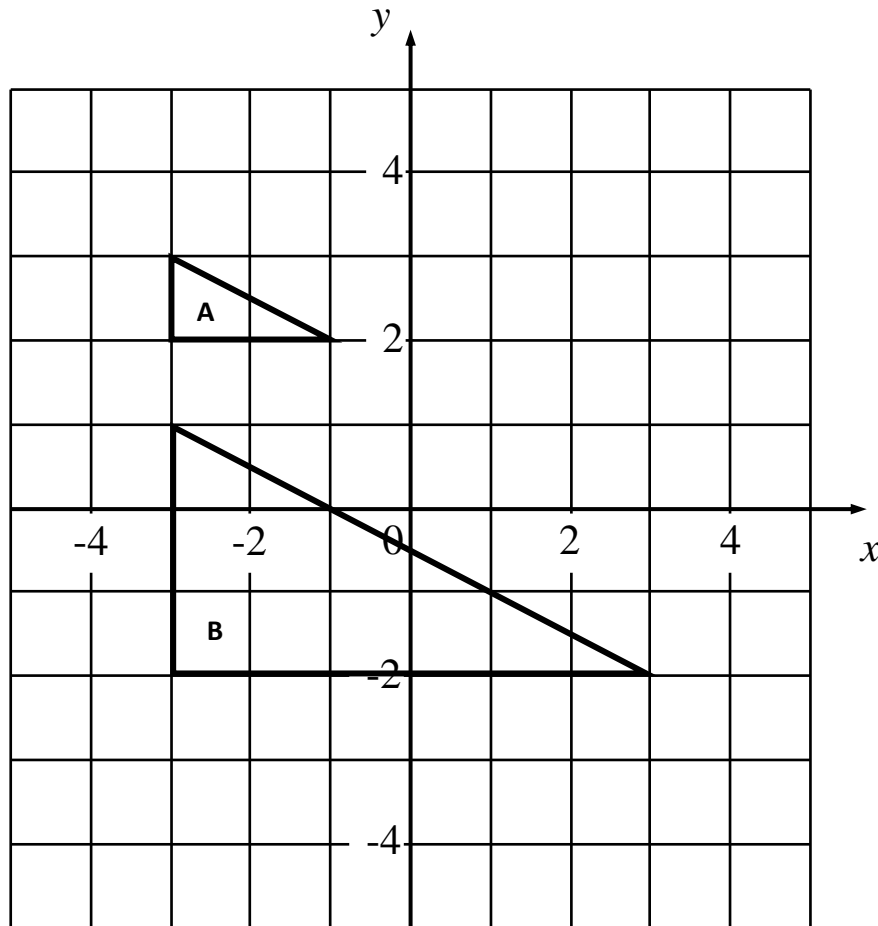
9. Enlarge shape A by a scale factor of 2 using centre of enlargement  $(-4, -3)$



(3 marks)

# Enlargements

10. Describe the single transformation that maps shape A on to shape B

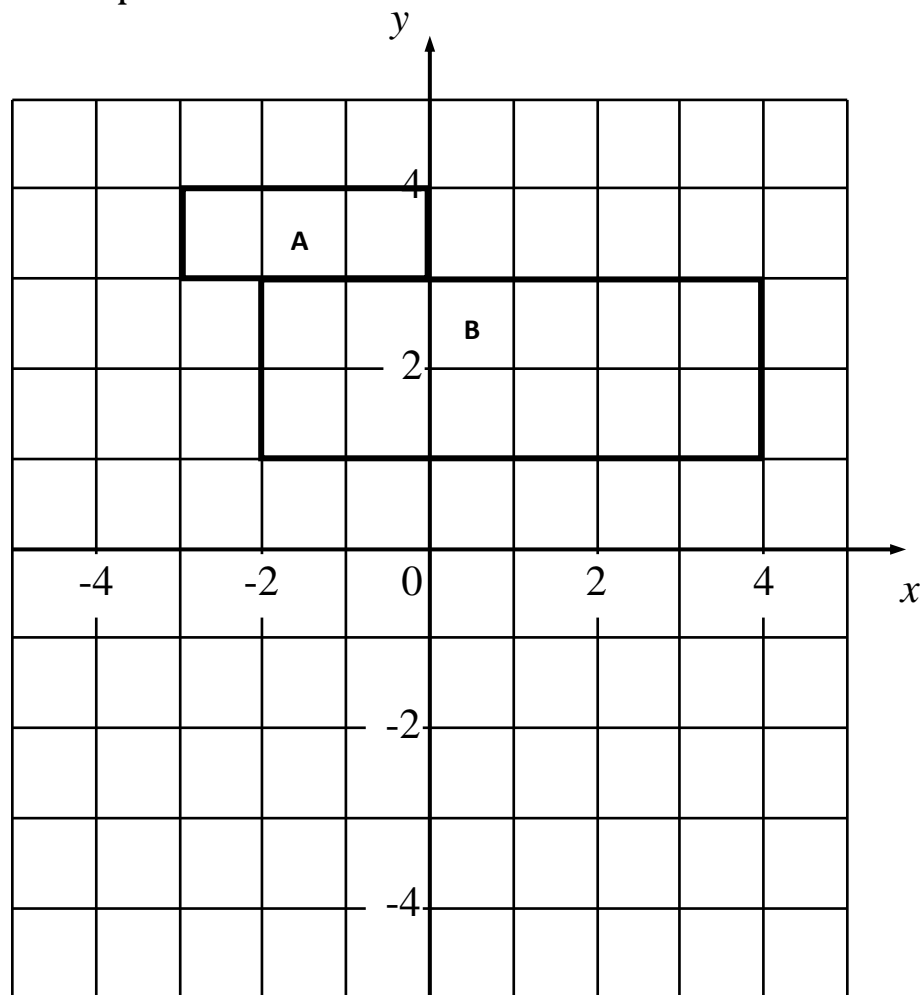


(2 marks)



# Enlargements

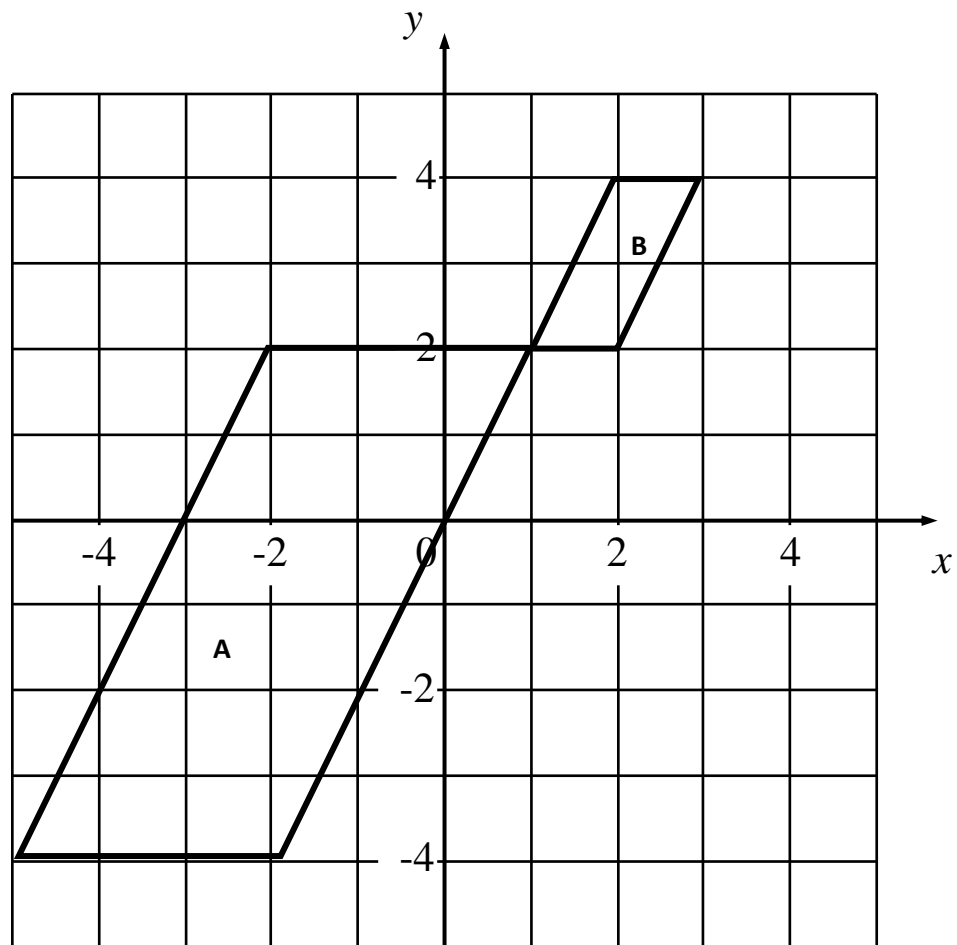
11. Describe the single transformation that maps shape A onto shape B.



(2 marks)

# Enlargements

12. Describe the single transformation that maps shape A onto shape B



(2 marks)