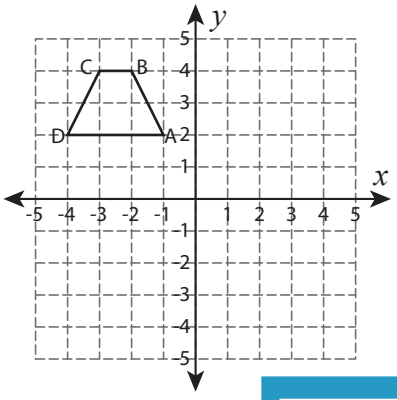
Name : _____ Score : _____

Write the New Coordinates

Sheet 1

Graph the image of each figure after the given transformation. Also write the coordinates of the image.

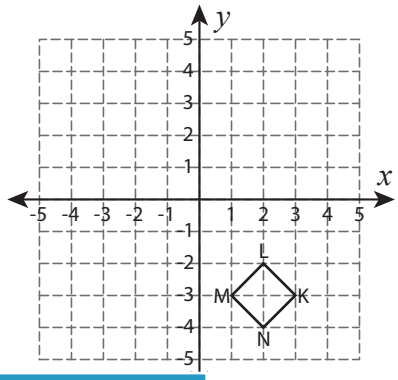
1) Reflection across the x-axis



A′ : _____ , B′ : _____

C′ : _____ , D′ : _____

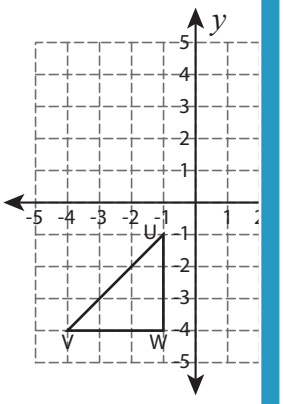
2) Translate 3 units up and 2 units right



L′ : _____

N′ : _____

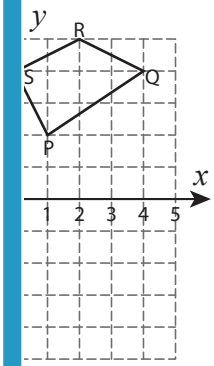
3) 90^0 clockwise rotation



U′ : _____ , V′ : _____

W′ : _____

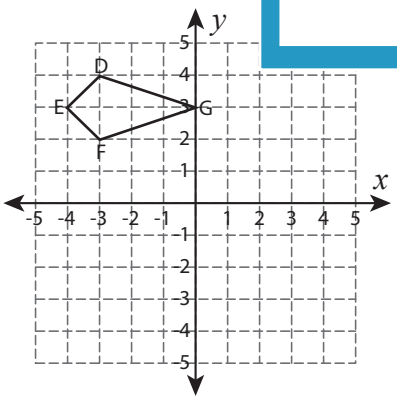
he line y = 1



Q′ : _____

S′ : _____

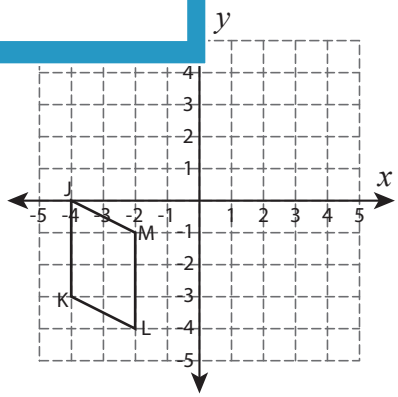
5) Translate 4 units down



D′ : _____ , E′ : _____

F′ : _____ , G′ : _____

ıt the origin



J′ : _____ , K′ : _____

L′ : _____ , M′ : _____

Name : _____ Score : _____

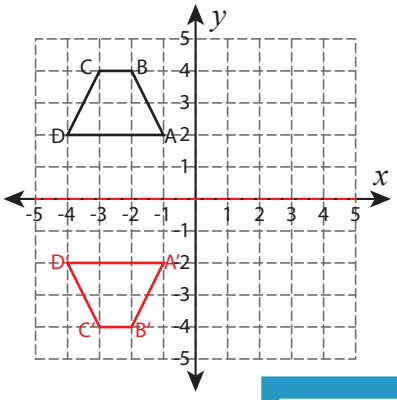
Answer key

Sheet 1

Write the New Coordinates

Graph the image of each figure after the given transformation. Also write the coordinates of the image.

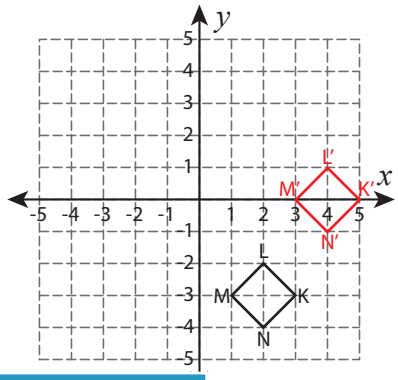
1) Reflection across the x-axis



A′ : **(–1, –2)** , B′ : _____

C′ : **(–3, –4)** , D′ : _____

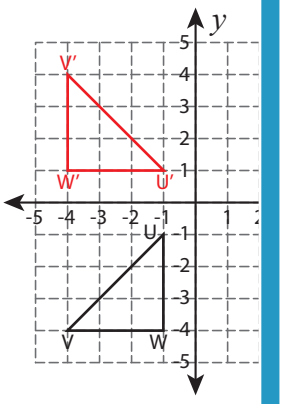
2) Translate 3 units up and 2 units right

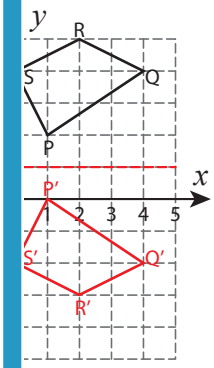


L′ : **(4, 1)**

N′ : **(4, –1)**

3) 90^0 clockwise rotation ... he line y = 1





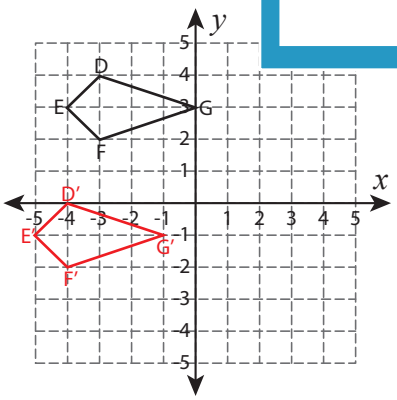
U′ : **(–1, 1)** , V′ : _____

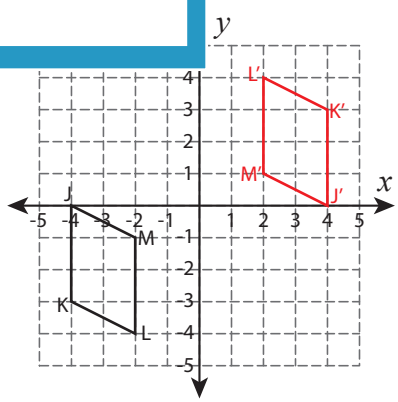
W′ : **(–4, 1)**

Q′ : **(4, –2)**

S′ : **(0, –2)**

5) Translate 4 units down ... ıt the origin





D′ : **(–4, 0)** , E′ : **(–5, –1)**

F′ : **(–4, –2)** , G′ : **(–1, –1)**

J′ : **(4, 0)** , K′ : **(4, 3)**

L′ : **(2, 4)** , M′ : **(2, 1)**