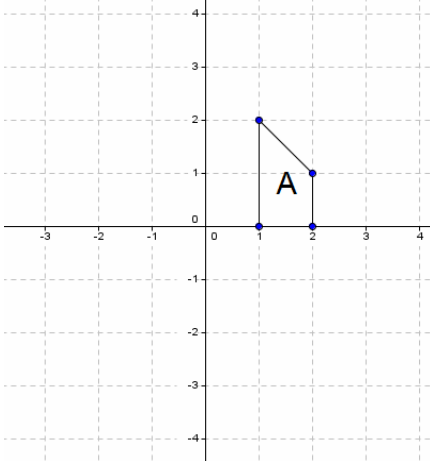
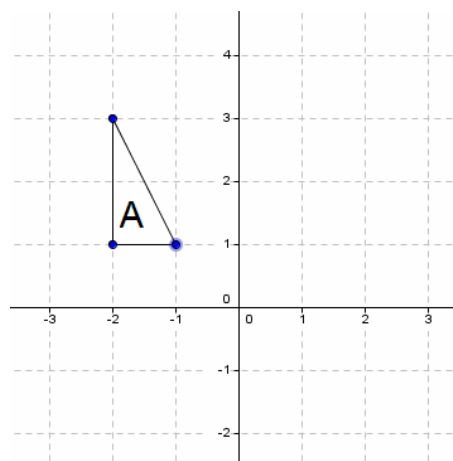


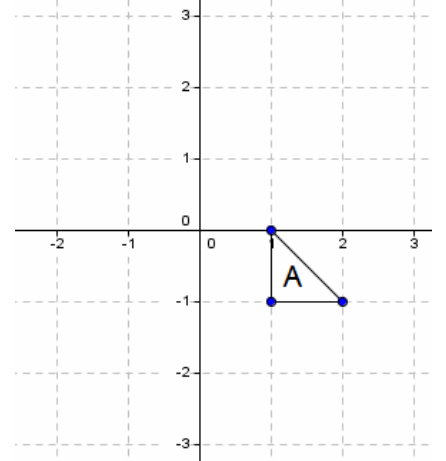
Transformations GCSE worksheet 3 Homework



Rotate shape A 180° anticlockwise about (1,0)
Label the shape B
Translate shape A (1,-1) Label the shape C
Reflect shape A in the y axis and label it D
Reflect shape A in the x axis and label it E



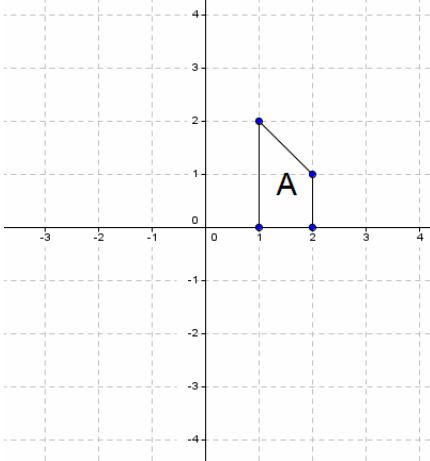
Rotate shape A 90° clockwise about (-1,0) Label the shape B
Translate shape A (3,1) Label the shape C
Reflect shape A in the y axis and label it D
Reflect shape A in the x axis and label it E



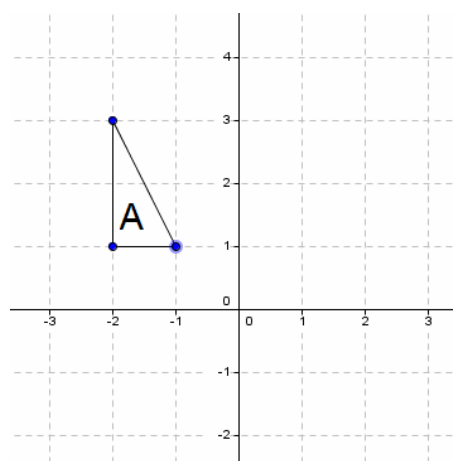
Rotate shape A 90° anticlockwise about (0,-1) Label the shape B
Translate shape A (-3,2) Label the shape C
Reflect shape A in the y axis and label it D
Reflect shape A in the x axis and label it E

www.m4ths.com

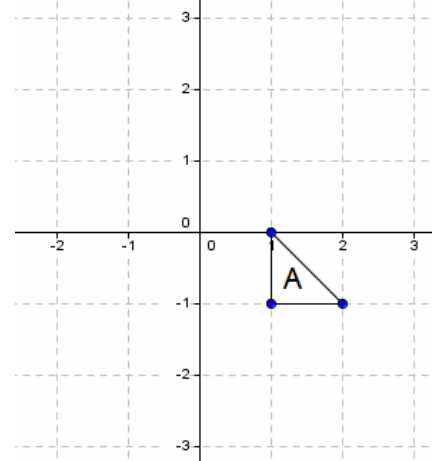
Transformations GCSE worksheet 3 Homework



Rotate shape A 180° anticlockwise about (1,0)
Label the shape B
Translate shape A (1,-1) Label the shape C
Reflect shape A in the y axis and label it D
Reflect shape A in the x axis and label it E



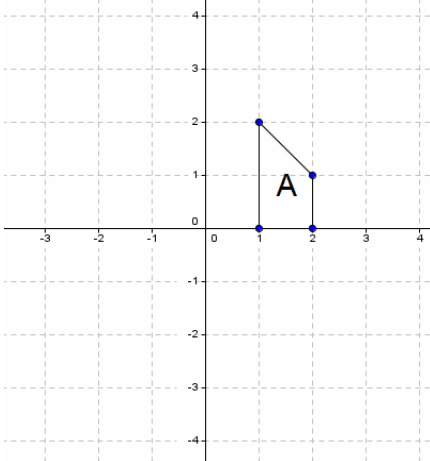
Rotate shape A 90° clockwise about (-1,0) Label the shape B
Translate shape A (3,1) Label the shape C
Reflect shape A in the y axis and label it D
Reflect shape A in the x axis and label it E



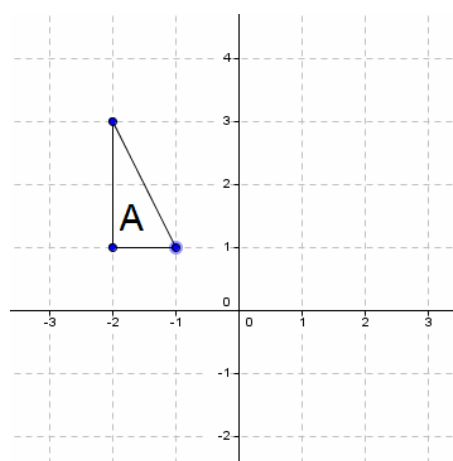
Rotate shape A 90° anticlockwise about (0,-1) Label the shape B
Translate shape A (-3,2) Label the shape C
Reflect shape A in the y axis and label it D
Reflect shape A in the x axis and label it E

www.m4ths.com

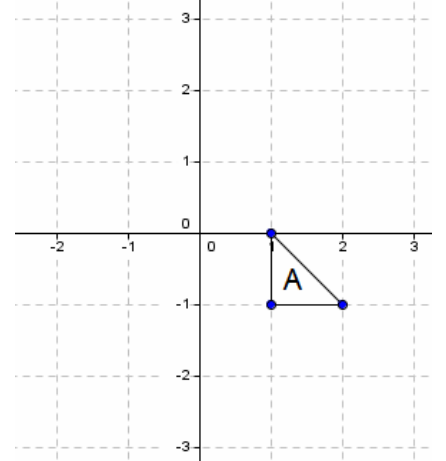
Transformations GCSE worksheet 3 Homework



Rotate shape A 180° anticlockwise about (1,0)
Label the shape B
Translate shape A (1,-1) Label the shape C
Reflect shape A in the y axis and label it D
Reflect shape A in the x axis and label it E



Rotate shape A 90° clockwise about (-1,0) Label the shape B
Translate shape A (3,1) Label the shape C
Reflect shape A in the y axis and label it D
Reflect shape A in the x axis and label it E



Rotate shape A 90° anticlockwise about (0,-1) Label the shape B
Translate shape A (-3,2) Label the shape C
Reflect shape A in the y axis and label it D
Reflect shape A in the x axis and label it E

www.m4ths.com