

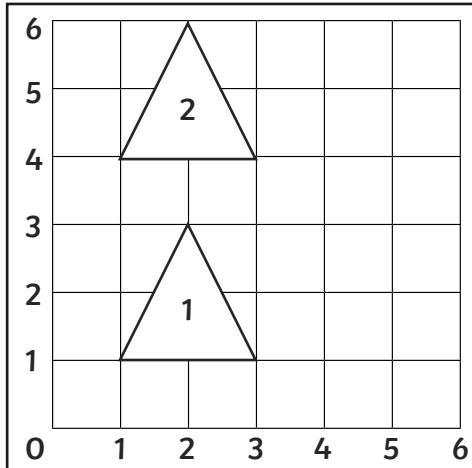


2D Shape Translations

I can describe the translation of a 2D Shape on a co-ordinate grid.



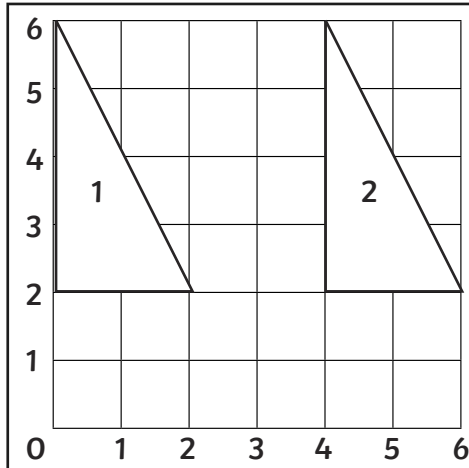
Describe the positions and translations of the 2D shapes:



Starting Coordinates:

Translation:

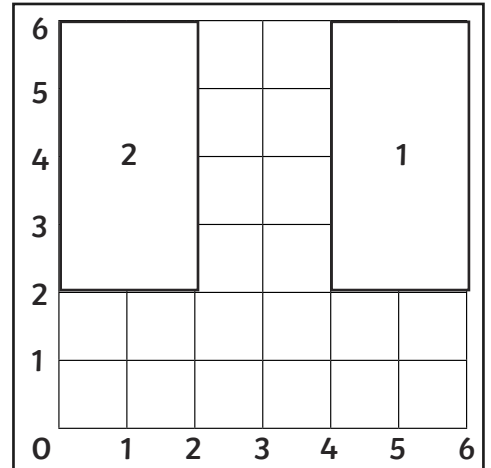
Finishing Coordinates:



Starting Coordinates:

Translation:

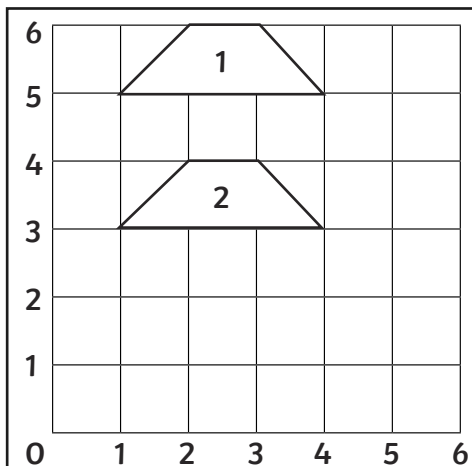
Finishing Coordinates:



Starting Coordinates:

Translation:

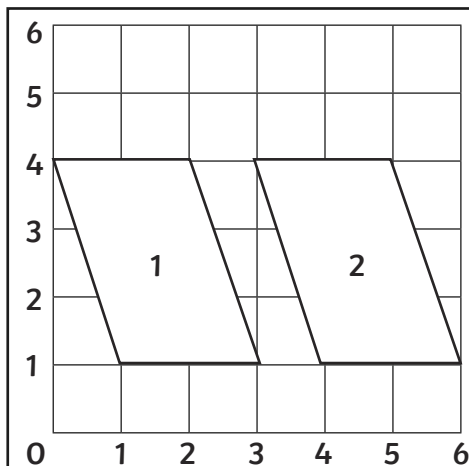
Finishing Coordinates:



Starting Coordinates:

Translation:

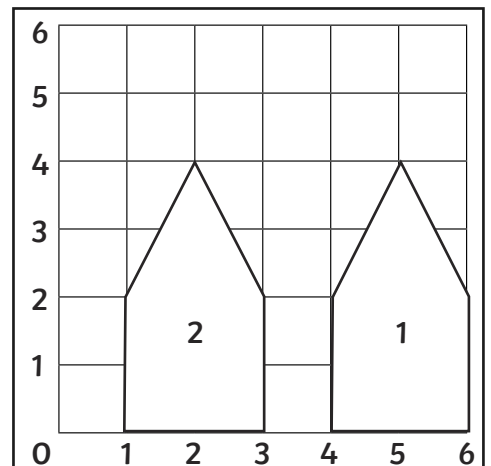
Finishing Coordinates:



Starting Coordinates:

Translation:

Finishing Coordinates:



Starting Coordinates:

Translation:

Finishing Coordinates:

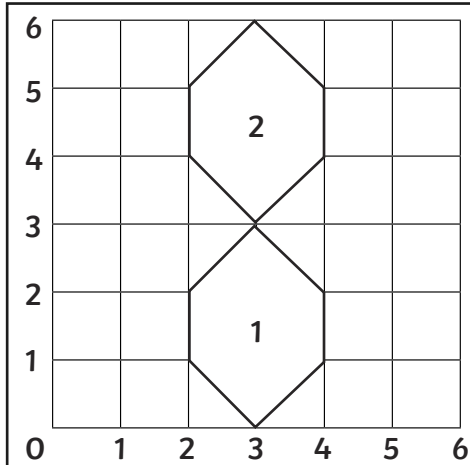


2D Shape Translations

I can describe the translation of a 2D Shape on a co-ordinate grid.



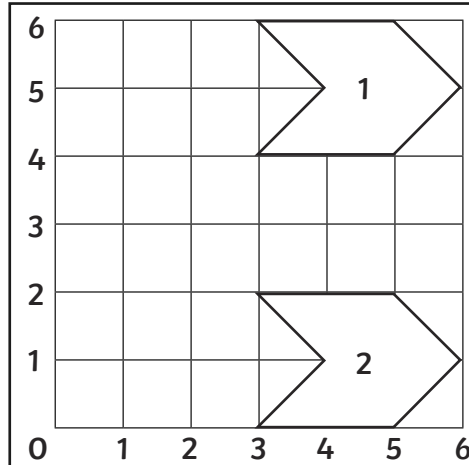
Describe the positions and translations of the 2D shapes:



Starting Coordinates:

Translation:

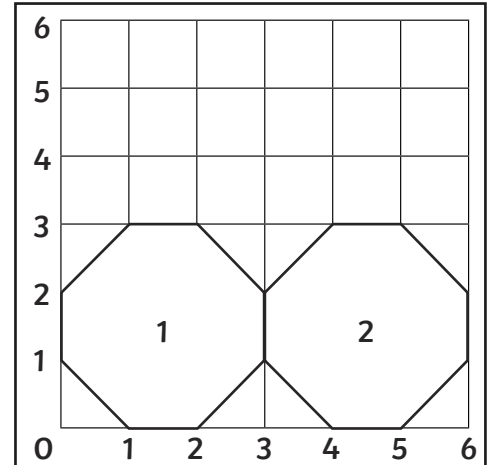
Finishing Coordinates:



Starting Coordinates:

Translation:

Finishing Coordinates:



Starting Coordinates:

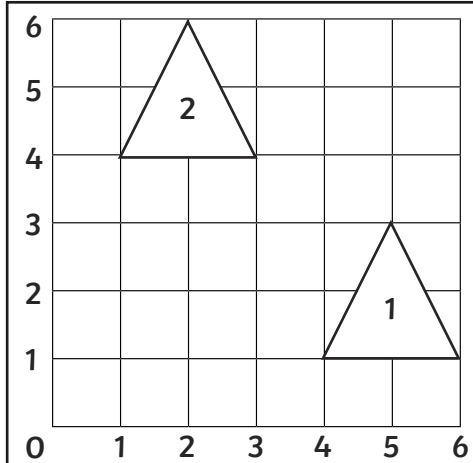
Translation:

Finishing Coordinates:

2D Shape Translations

I can describe the translation of a 2D Shape on a co-ordinate grid.

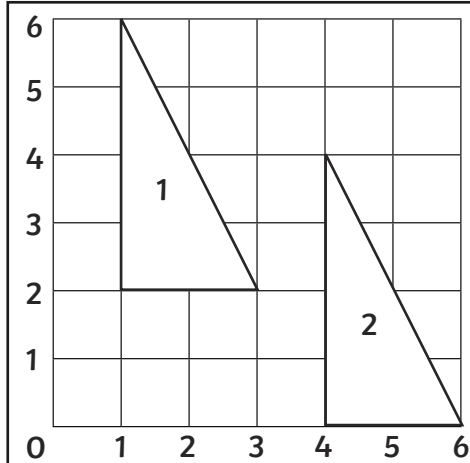
Describe the positions and translations of the 2D shapes:



Starting Coordinates:

Translation:

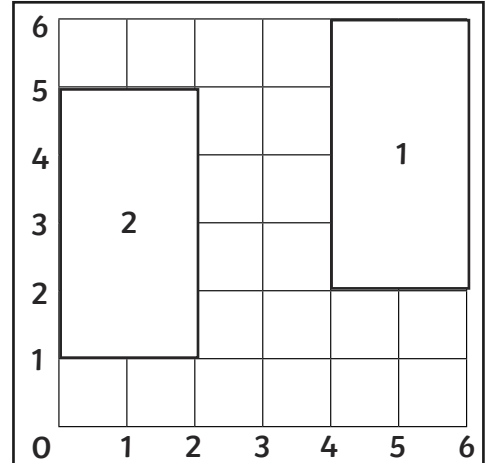
Finishing Coordinates:



Starting Coordinates:

Translation:

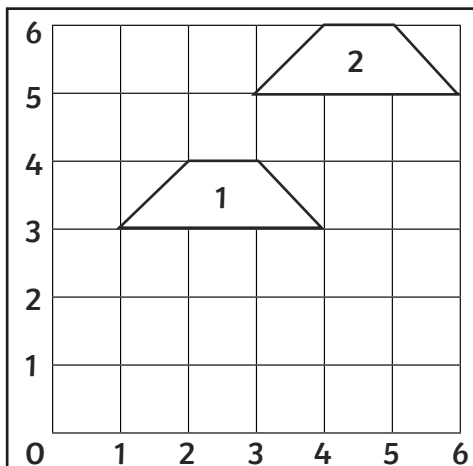
Finishing Coordinates:



Starting Coordinates:

Translation:

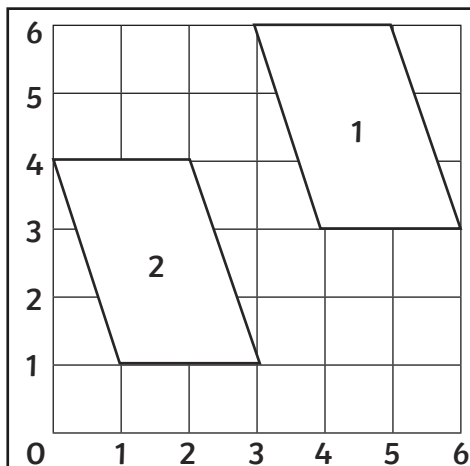
Finishing Coordinates:



Starting Coordinates:

Translation:

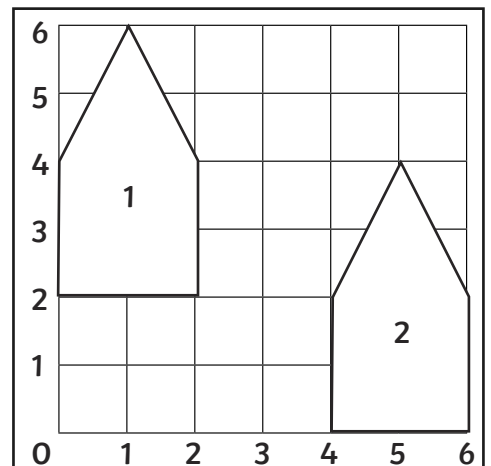
Finishing Coordinates:



Starting Coordinates:

Translation:

Finishing Coordinates:



Starting Coordinates:

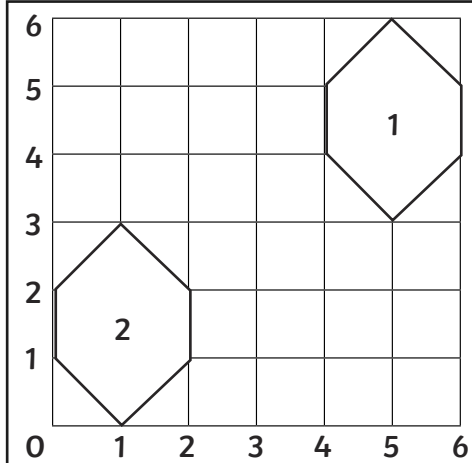
Translation:

Finishing Coordinates:

2D Shape Translations

I can describe the translation of a 2D Shape on a co-ordinate grid.

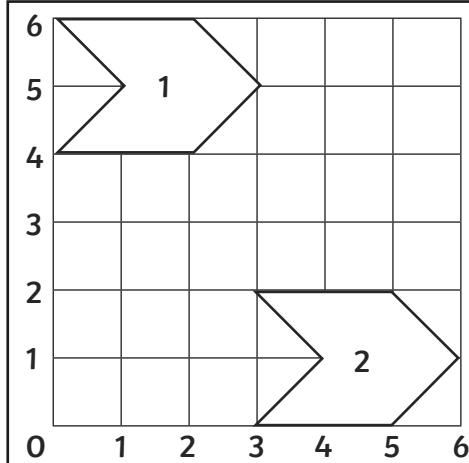
Describe the positions and translations of the 2D shapes:



Starting Coordinates:

Translation:

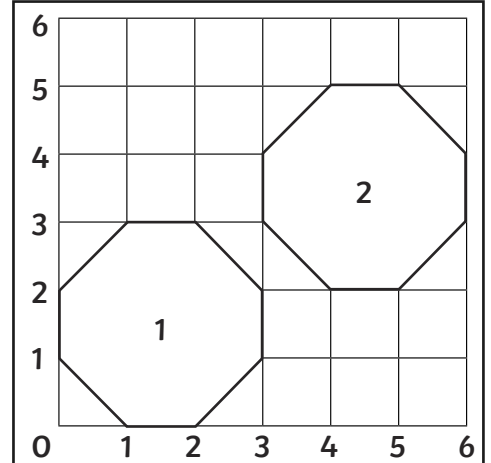
Finishing Coordinates:



Starting Coordinates:

Translation:

Finishing Coordinates:



Starting Coordinates:

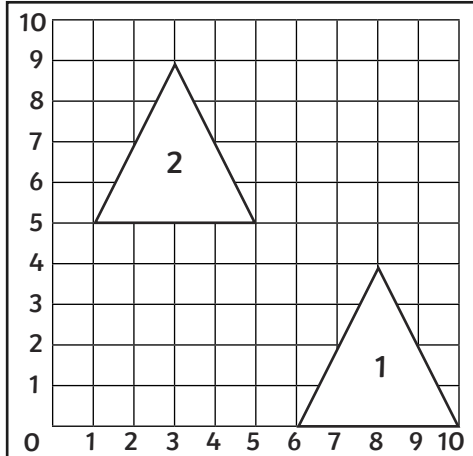
Translation:

Finishing Coordinates:

2D Shape Translations

I can describe the translation of a 2D Shape on a co-ordinate grid.

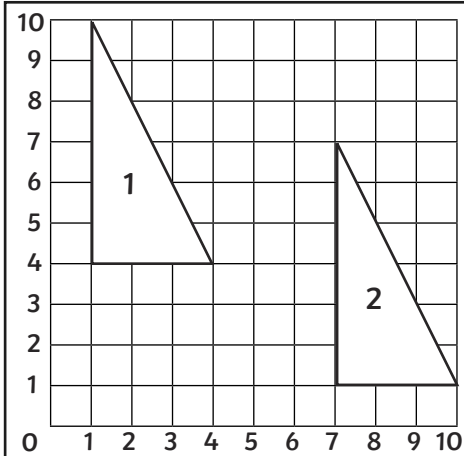
Describe the positions and translations of the 2D shapes:



Starting Coordinates:

Translation:

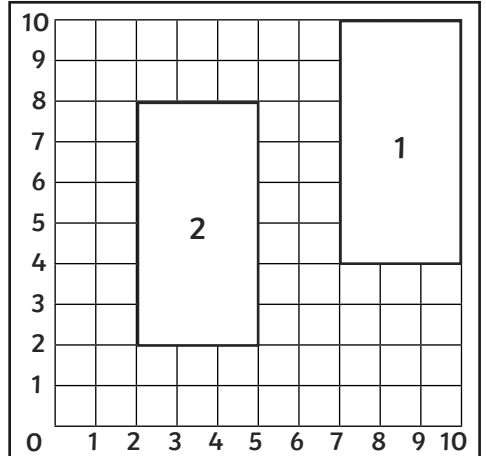
Finishing Coordinates:



Starting Coordinates:

Translation:

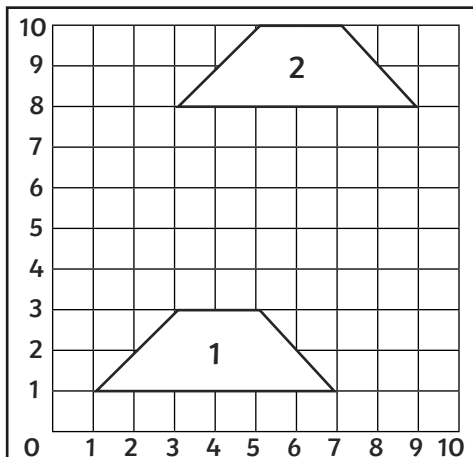
Finishing Coordinates:



Starting Coordinates:

Translation:

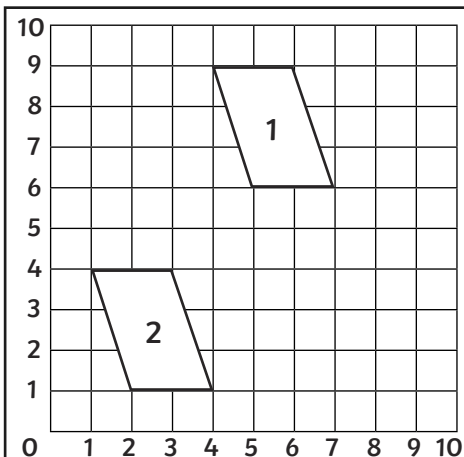
Finishing Coordinates:



Starting Coordinates:

Translation:

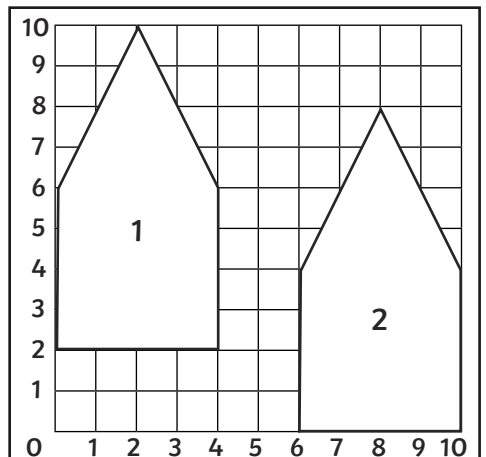
Finishing Coordinates:



Starting Coordinates:

Translation:

Finishing Coordinates:



Starting Coordinates:

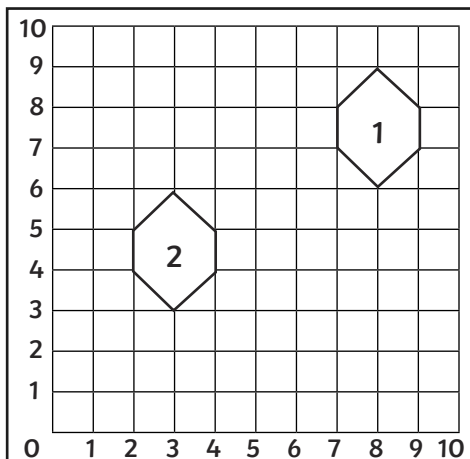
Translation:

Finishing Coordinates:

2D Shape Translations

I can describe the translation of a 2D Shape on a co-ordinate grid.

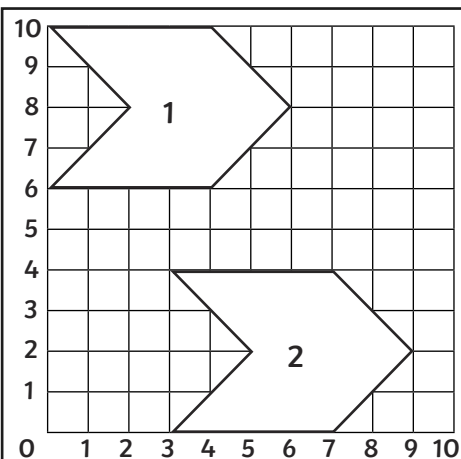
Describe the positions and translations of the 2D shapes:



Starting Coordinates:

Translation:

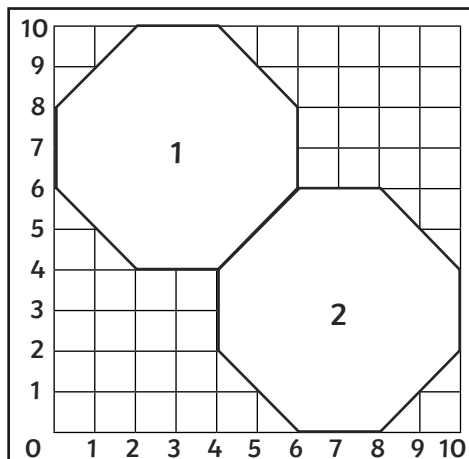
Finishing Coordinates:



Starting Coordinates:

Translation:

Finishing Coordinates:



Starting Coordinates:

Translation:

Finishing Coordinates:



2D Shape Translations Answers

Describe the positions and translations of the 2D shapes:

Starting Coordinates:

$(1,1)$ $(3,1)$ $(2,3)$

Translation:

Up 3

Finishing Coordinate:

$(1,4)$ $(3,4)$ $(2,6)$

Starting Coordinates:

$(0,2)$ $(2,2)$ $(0,6)$

Translation:

Right 4

Finishing Coordinate:

$(4,2)$ $(6,2)$ $(4,6)$

Starting Coordinates:

$(4,2)$ $(6,2)$ $(6,6)$ $(4,6)$

Translation:

Left 4

Finishing Coordinate:

$(0,2)$ $(2,2)$ $(2,6)$ $(0,6)$

Starting Coordinates:

$(1,5)$ $(4,5)$ $(3,6)$ $(2,6)$

Translation:

Down 2

Finishing Coordinate:

$(1,3)$ $(4,3)$ $(3,4)$ $(2,4)$

Starting Coordinates:

$(1,1)$ $(3,1)$ $(2,4)$ $(0,4)$

Translation:

Right 3

Finishing Coordinate:

$(4,1)$ $(6,1)$ $(5,4)$ $(3,4)$

Starting Coordinates:

$(4,0)$ $(6,0)$ $(6,2)$ $(5,4)$ $(4,2)$

Translation:

Left 3

Finishing Coordinate:

$(1,0)$ $(3,0)$ $(3,2)$ $(2,4)$ $(1,2)$

Starting Coordinates:

$(3,0)$ $(4,1)$ $(4,2)$ $(3,3)$ $(2,2)$ $(2,1)$

Translation:

Up 3

Finishing Coordinate:

$(3,3)$ $(4,4)$ $(4,5)$ $(3,6)$ $(2,5)$ $(2,4)$

Starting Coordinates:

$(3,4)$ $(5,4)$ $(6,5)$ $(5,6)$ $(3,6)$ $(4,5)$

Translation:

Down 4

Finishing Coordinate:

$(3,0)$ $(5,0)$ $(6,1)$ $(5,2)$ $(3,2)$ $(4,1)$

Starting Coordinates: $(1,0)$ $(2,0)$

$(3,1)$ $(3,2)$ $(2,3)$ $(1,3)$ $(0,2)$ $(0,1)$

Translation:

Right 3

Finishing Coordinate: $(4,0)$ $(5,0)$

$(6,1)$ $(6,2)$ $(5,3)$ $(4,3)$ $(3,2)$ $(3,1)$



2D Shape Translations Answers

Describe the positions and translations of the 2D shapes:

Starting Coordinates:

$(4,1)$ $(6,1)$ $(5,3)$

Translation:

Left 3, Up 3

Finishing Coordinate:

$(1,4)$ $(3,4)$ $(2,6)$

Starting Coordinates:

$(1,2)$ $(3,2)$ $(1,6)$

Translation:

Right 3, Down 2

Finishing Coordinate:

$(4,0)$ $(6,0)$ $(4,4)$

Starting Coordinates:

$(4,2)$ $(6,2)$ $(6,6)$ $(4,6)$

Translation:

Left 4, Down 1

Finishing Coordinate:

$(0,1)$ $(2,1)$ $(2,5)$ $(0,5)$

Starting Coordinates:

$(1,3)$ $(4,3)$ $(3,4)$ $(2,4)$

Translation:

Right 2, Up 2

Finishing Coordinate:

$(3,5)$ $(6,5)$ $(5,6)$ $(4,6)$

Starting Coordinates:

$(4,3)$ $(6,3)$ $(5,6)$ $(3,6)$

Translation:

Left 3, Down 2

Finishing Coordinate:

$(1,1)$ $(3,1)$ $(2,4)$ $(0,4)$

Starting Coordinates:

$(0,2)$ $(2,2)$ $(2,4)$ $(1,6)$ $(0,4)$

Translation:

Right 4, Down 2

Finishing Coordinate:

$(4,0)$ $(6,0)$ $(6,2)$ $(5,4)$ $(4,2)$

Starting Coordinates:

$(5,3)$ $(6,4)$ $(6,5)$ $(5,6)$ $(4,5)$ $(4,4)$

Translation:

Left 4, Down 3

Finishing Coordinate:

$(1,0)$ $(2,1)$ $(2,2)$ $(1,3)$ $(0,2)$ $(0,1)$

Starting Coordinates:

$(0,4)$ $(2,4)$ $(3,5)$ $(2,6)$ $(0,6)$ $(1,5)$

Translation:

Right 3, Down 4

Finishing Coordinate:

$(3,0)$ $(5,0)$ $(6,1)$ $(5,2)$ $(3,2)$ $(4,1)$

Starting Coordinates:

$(1,0)$ $(2,0)$

Translation:

Right 3, Up 2

Finishing Coordinate:

$(4,2)$ $(5,2)$



2D Shape Translations Answers

Describe the positions and translations of the 2D shapes:

Starting Coordinates:

$(6,0)$ $(10,0)$ $(8,4)$

Translation:

Left 5, Up 5

Finishing Coordinate:

$(1,5)$ $(5,5)$ $(3,9)$

Starting Coordinates:

$(1,4)$ $(4,4)$ $(1,10)$

Translation:

Right 6, Down 3

Finishing Coordinate:

$(7,1)$ $(10,1)$ $(7,7)$

Starting Coordinates:

$(7,4)$ $(10,4)$ $(10,10)$ $(7,10)$

Translation:

Left 5, Down 2

Finishing Coordinate:

$(2,2)$ $(5,2)$ $(5,8)$ $(2,8)$

Starting Coordinates:

$(1,1)$ $(7,1)$ $(5,3)$ $(3,3)$

Translation:

Right 2, Up 7

Finishing Coordinate:

$(3,8)$ $(9,8)$ $(7,10)$ $(5,10)$

Starting Coordinates:

$(5,6)$ $(7,6)$ $(6,9)$ $(4,9)$

Translation:

Left 3, Down 5

Finishing Coordinate:

$(2,1)$ $(4,1)$ $(3,4)$ $(1,4)$

Starting Coordinates:

$(0,2)$ $(4,2)$ $(4,6)$ $(2,10)$ $(0,6)$

Translation:

Right 6, Down 2

Finishing Coordinate:

$(6,0)$ $(10,0)$ $(10,4)$ $(8,8)$ $(6,4)$

Starting Coordinates:

$(8,6)$ $(9,7)$ $(9,8)$ $(8,9)$ $(7,8)$ $(7,7)$

Translation:

Left 5, Down 3

Finishing Coordinate:

$(3,3)$ $(4,4)$ $(4,5)$ $(3,6)$ $(2,5)$ $(2,4)$

Starting Coordinates:

$(0,6)$ $(4,6)$ $(6,8)$ $(4,10)$ $(0,10)$ $(2,8)$

Translation:

Right 3, Down 6

Finishing Coordinate:

$(3,0)$ $(7,0)$ $(9,2)$ $(7,4)$ $(3,4)$ $(5,2)$

Starting Coordinates: $(2,4)$ $(4,4)$

$(6,6)$ $(6,8)$ $(4,10)$ $(2,10)$ $(0,8)$ $(0,6)$

Translation:

Right 4, Down 4

Finishing Coordinate: $(6,0)$ $(8,0)$

$(10,2)$ $(10,4)$ $(8,6)$ $(6,6)$ $(4,4)$ $(4,2)$