

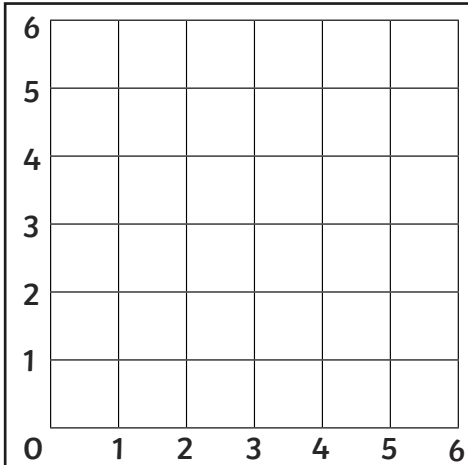


# Coordinate Polygons

I can plot coordinates to draw polygons.

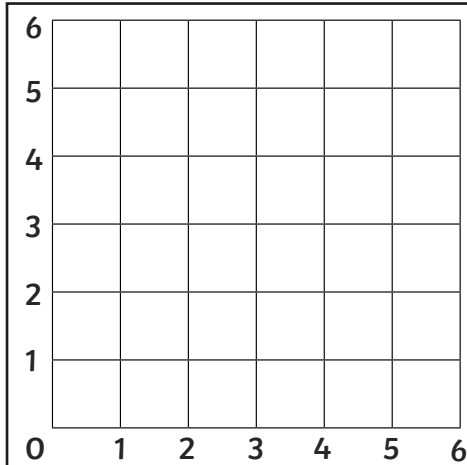


Plot the given co-ordinates on the grid and join them up to identify the polygon.



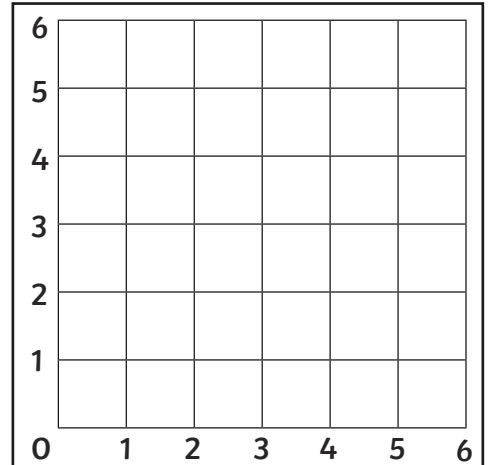
1.  $(1,1)$   $(5,1)$   $(5,5)$   $(1,5)$

Polygon =



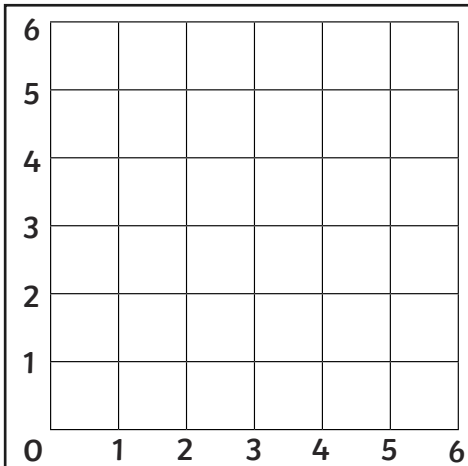
2.  $(1,3)$   $(5,3)$   $(5,5)$   $(1,5)$

Polygon =



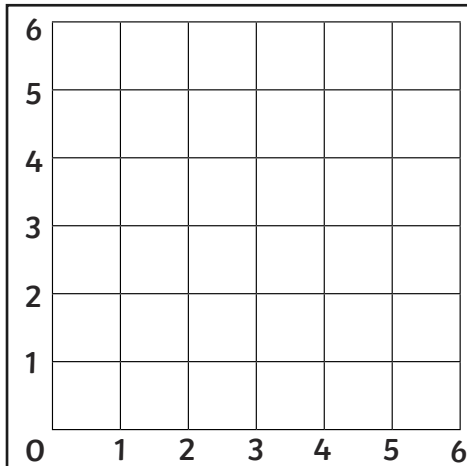
3.  $(0,3)$   $(3,6)$   $(6,3)$   $(3,0)$

Polygon =



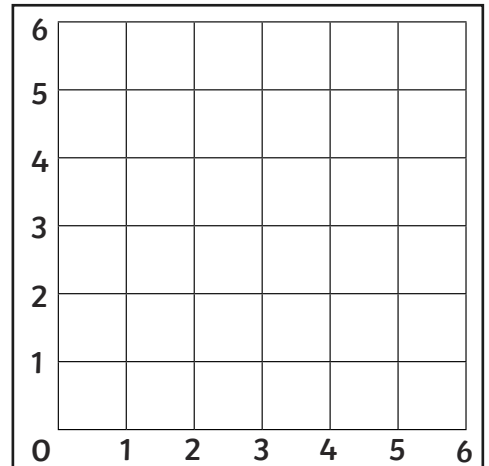
4.  $(2,6)$   $(4,6)$   $(4,0)$   $(2,0)$

Polygon =



5.  $(1,1)$   $(6,5)$   $(6,1)$

Polygon =



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

Polygon =

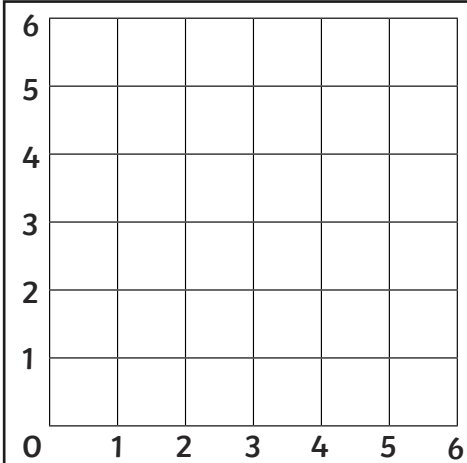


# Coordinate Polygons

I can plot coordinates to draw polygons.

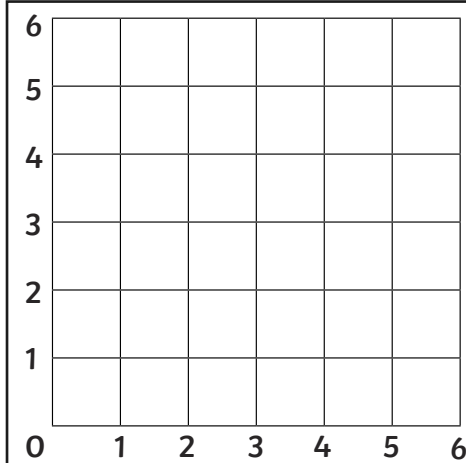


Plot the given co-ordinates on the grid and join them up to identify the polygon.



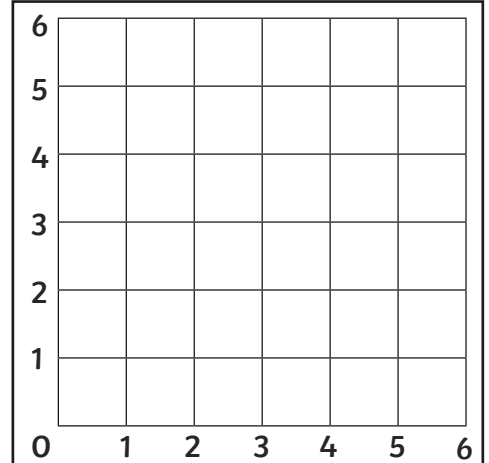
7. (3,5) (5,3) (5,1) (1,1) (1,3)

Polygon =



8. (2,5) (4,5) (5,3) (4,1) (2,1) (1,3)

Polygon =



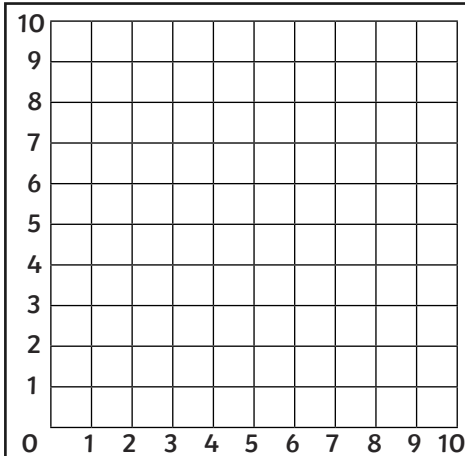
9. (1,5) (2,3) (1,1) (5,1) (4,3) (5,5)

Polygon =

# Coordinate Polygons

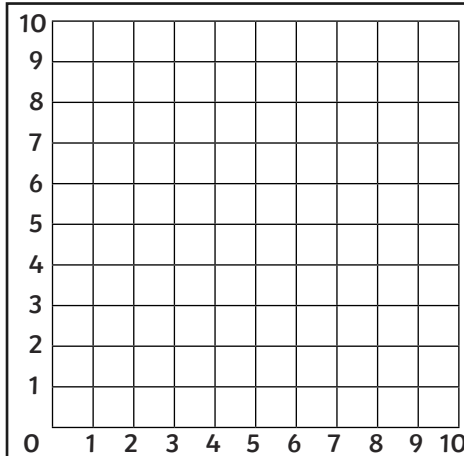
I can plot coordinates to draw polygons.

Plot the given co-ordinates on the grid and join them up to identify the polygon.



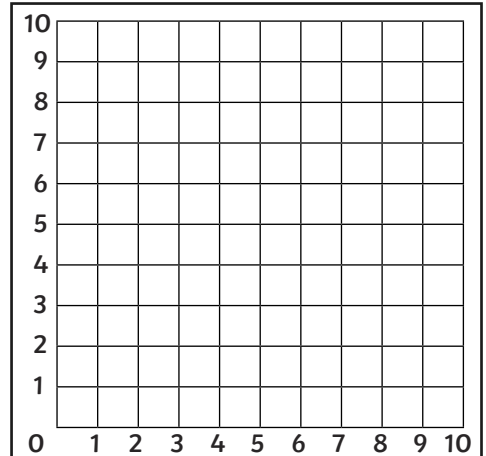
1.  $(0,3)$   $(3,6)$   $(6,3)$   $(3,0)$

Polygon =



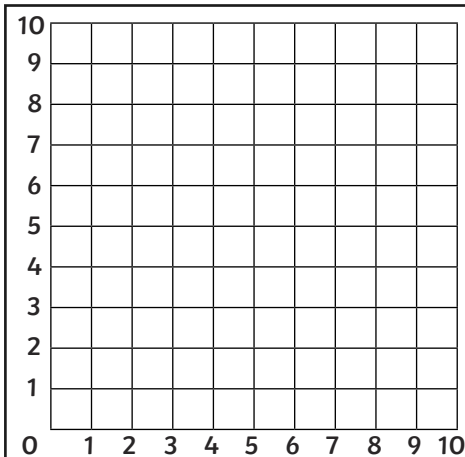
2.  $(3,2)$   $(5,9)$   $(7,2)$

Polygon =



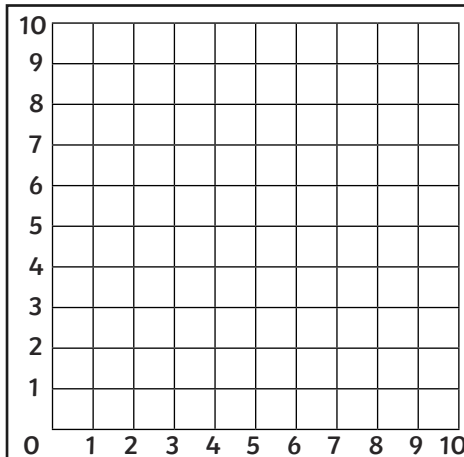
3.  $(0,3)$   $(4,6)$   $(10,0)$

Polygon =



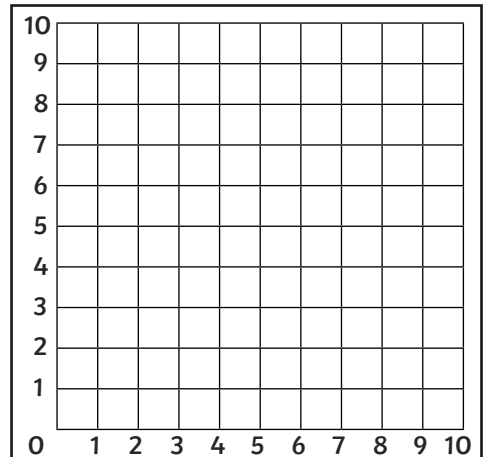
4.  $(1,9)$   $(7,9)$   $(9,1)$   $(3,1)$

Polygon =



5.  $(8,8)$   $(8,2)$   $(4,4)$   $(4,6)$

Polygon =



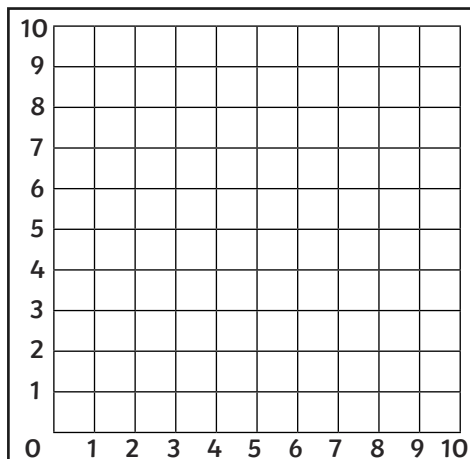
6.  $(5,10)$   $(8,7)$   $(5,0)$   $(2,7)$

Polygon =

# Coordinate Polygons

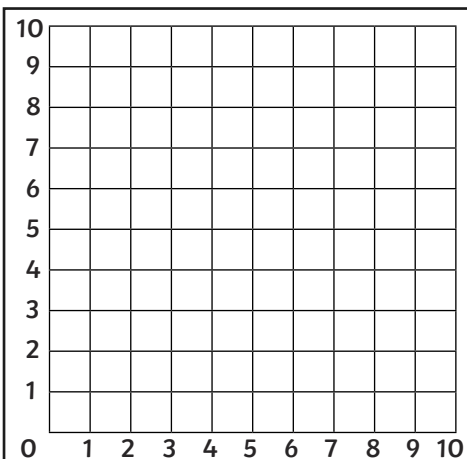
I can plot coordinates to draw polygons.

Plot the given co-ordinates on the grid and join them up to identify the polygon.



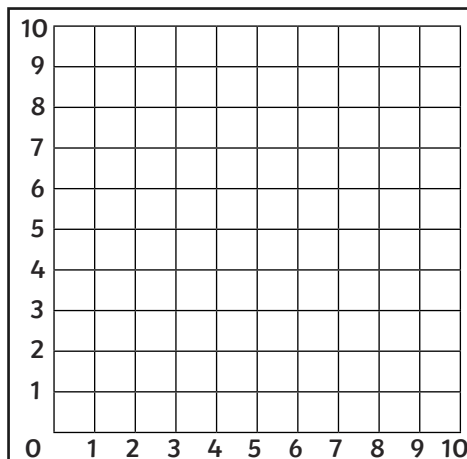
7. (1,9) (1,1) (5,1)  
(10,5) (5,9)

Polygon =



8. (2,9) (5,7) (8,9)  
(8,2) (5,0) (2,2)

Polygon =



9. (1,7) (4,10) (7,10) (10,7)  
(10,4) (7,1) (4,1) (1,4)

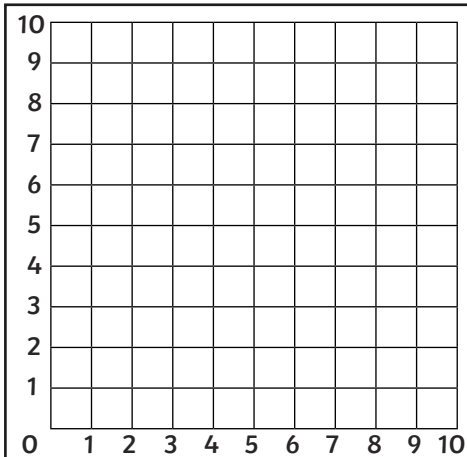
Polygon =

# Coordinate Polygons

I can plot coordinates to draw polygons.

Plot the given co-ordinates on the grid and join them up to identify the polygon.

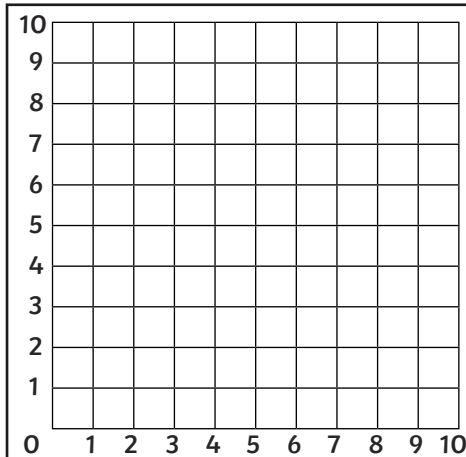
**Extra Challenge:** Use a ruler to measure the sides of each polygon to the nearest half cm and calculate the perimeter of each polygon.



1. (1,1) (8,8) (8,1)

Polygon =

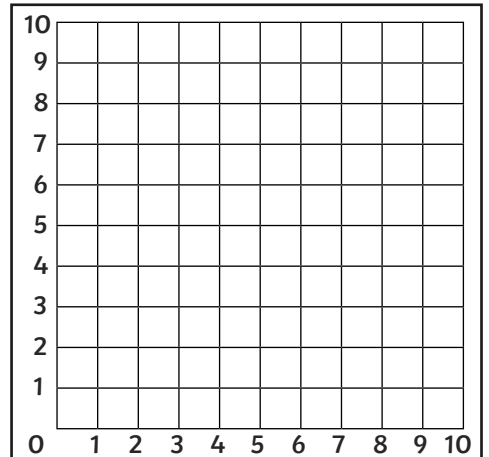
Perimeter =



2. (3,2) (5,9) (7,2)

Polygon =

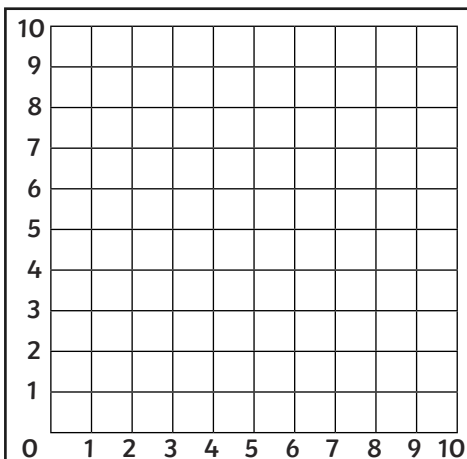
Perimeter =



3. (0,3) (4,6) (10,0)

Polygon =

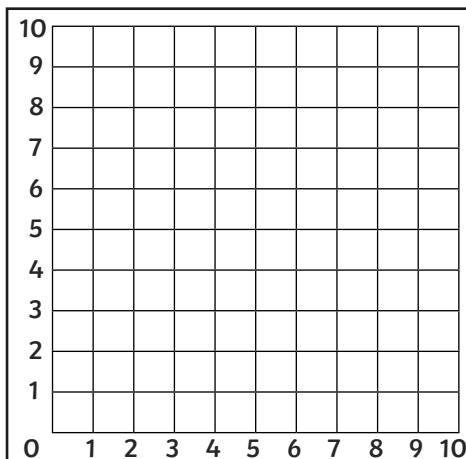
Perimeter =



4. (1,9) (7,9) (9,1) (3,1)

Polygon =

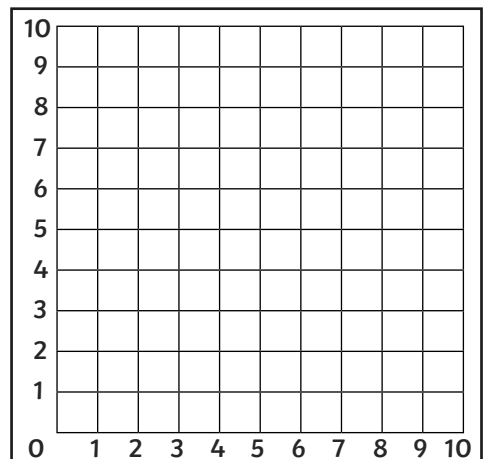
Perimeter =



5. (8,8) (8,2) (4,3) (4,6)

Polygon =

Perimeter =



6. (5,10) (8,7) (5,0) (2,7)

Polygon =

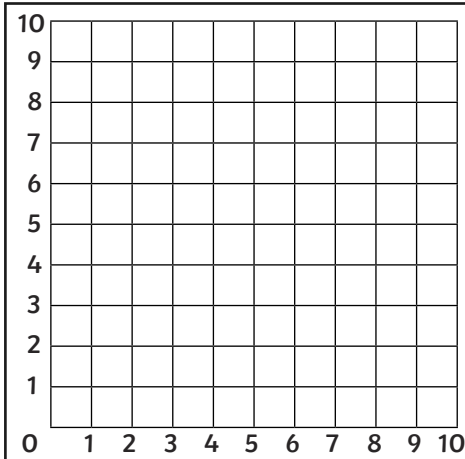
Perimeter =

# Coordinate Polygons

I can plot coordinates to draw polygons.

Plot the given co-ordinates on the grid and join them up to identify the polygon.

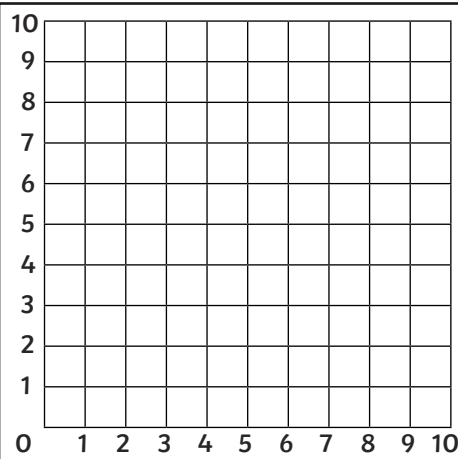
**Extra Challenge:** Use a ruler to measure the sides of each polygon to the nearest half cm and calculate the perimeter of each polygon.



7. (1,9) (1,1) (5,1)  
(10,5) (5,9)

Polygon =

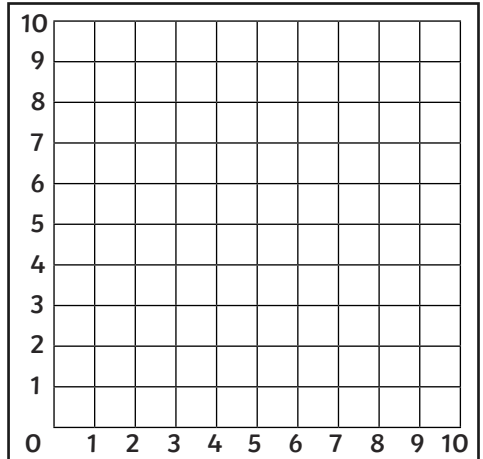
Perimeter =



8. (2,9) (5,7) (8,9)  
(8,2) (5,0) (2,2)

Polygon =

Perimeter =



9. (1,7) (4,10) (7,10) (10,7)  
(10,4) (7,1) (4,1) (1,4)

Polygon =

Perimeter =

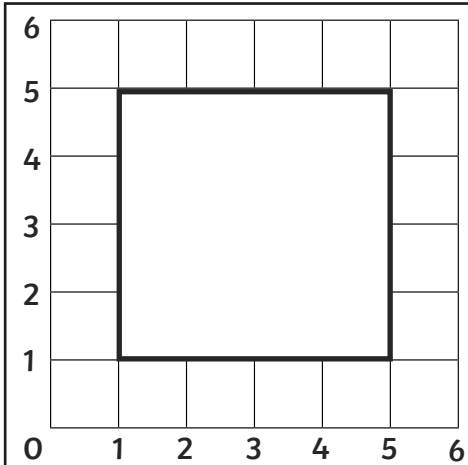


# Coordinate Polygons Answers

I can plot coordinates to draw polygons.

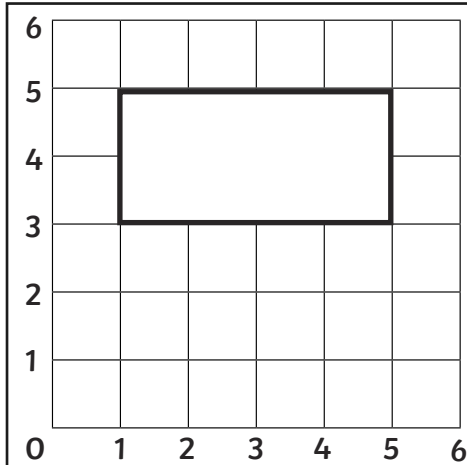


Plot the given co-ordinates on the grid and join them up to identify the polygon.



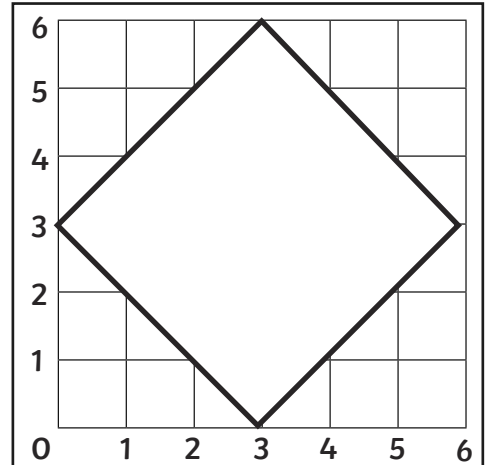
1.  $(1,1)(5,1)(5,5)(1,5)$

Polygon = *Square*



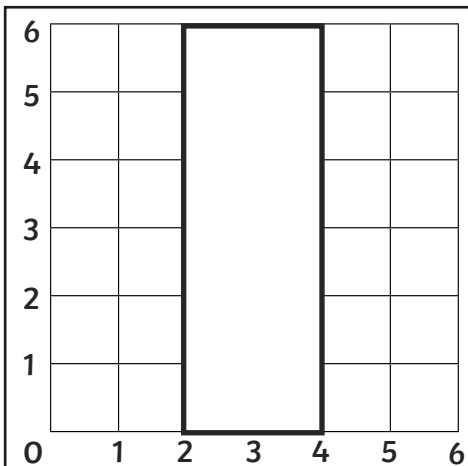
2.  $(1,3)(5,3)(5,5)(1,5)$

Polygon = *Rectangle*



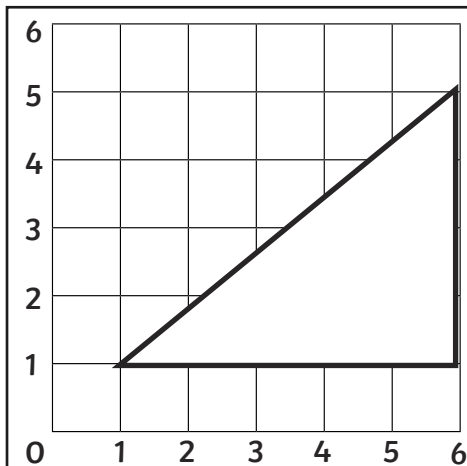
3.  $(0,3)(3,6)(6,3)(3,0)$

Polygon = *Square*



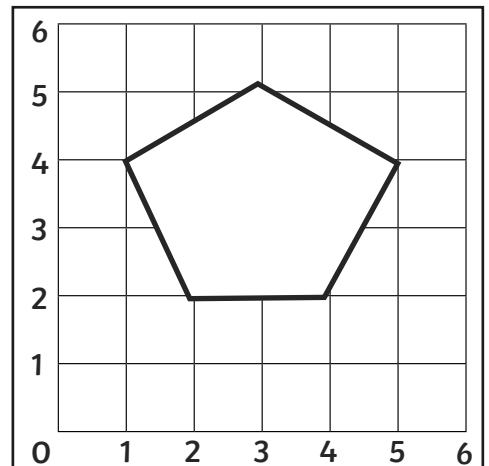
4.  $(2,6)(4,6)(4,0)(2,0)$

Polygon = *Rectangle*



5.  $(1,1)(6,5)(6,1)$

Polygon = *Right-Angled Triangle*



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

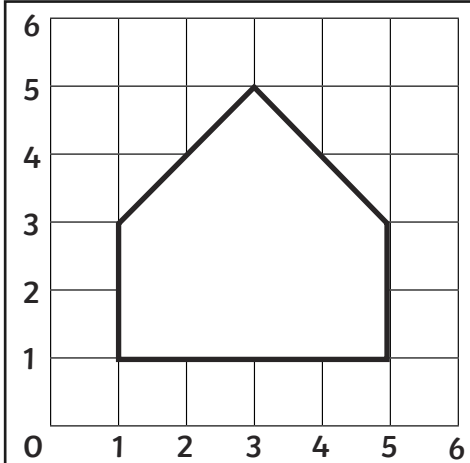
Polygon = *Irregular Pentagon*



# Coordinate Polygons **Answers**

I can plot coordinates to draw polygons.

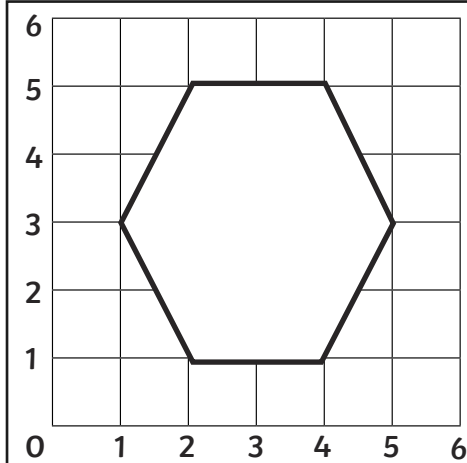
Plot the given co-ordinates on the grid and join them up to identify the polygon.



7. (3,5)(5,3)(5,1)(1,1)(1,3)

*Irregular*

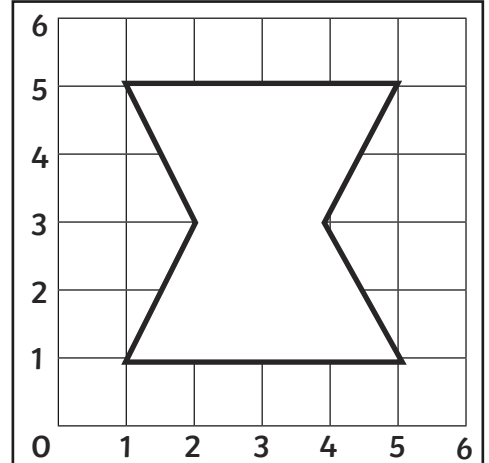
Polygon = **Pentagon**



8. (2,5)(4,5)(5,3)(4,1)(2,1)(1,3)

*Irregular*

Polygon = **Hexagon**



9. (1,5)(2,3)(1,1)(5,1)(4,3)(5,5)

*Irregular*

Polygon = **Hexagon**



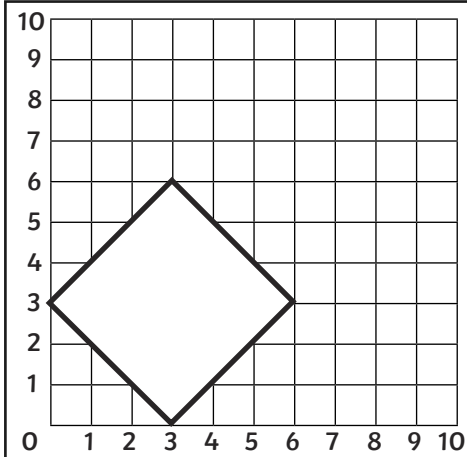


# Coordinate Polygons Answers

I can plot coordinates to draw polygons.

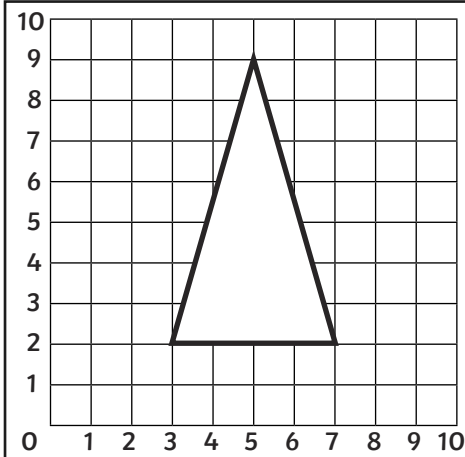


Plot the given co-ordinates on the grid and join them up to identify the polygon.



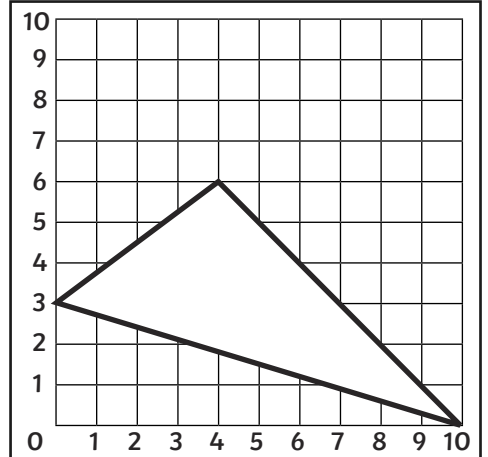
1. (0,3)(3,6)(6,3)(3,0)

Polygon = *Square*



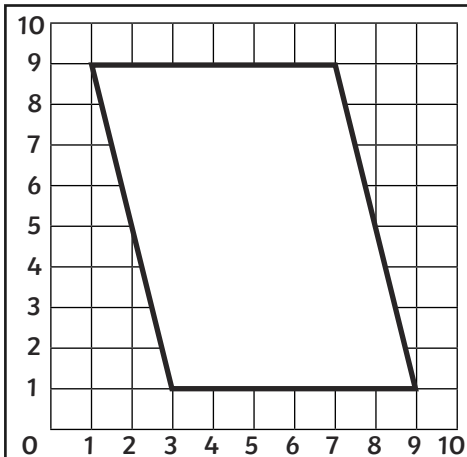
2. (3,2)(5,9)(7,2)

*Isosceles*  
Polygon = *Triangle*



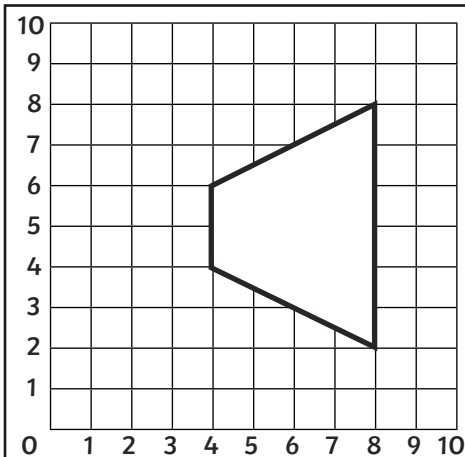
3. (0,3)(4,6)(10,0)

*Scalene*  
Polygon = *Triangle*



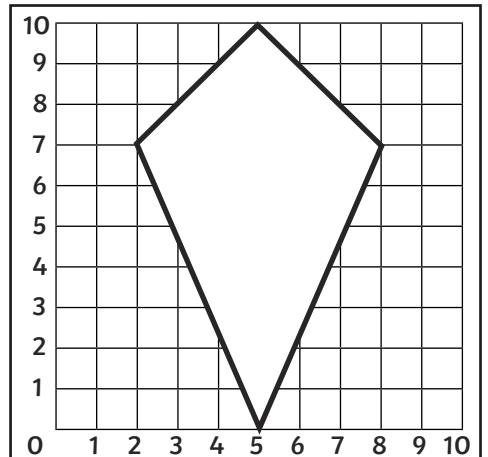
4. (1,9)(7,9)(9,1)(3,1)

Polygon = *Parallelogram*



5. (8,8)(8,2)(4,4)(4,6)

Polygon = *Trapezium*



6. (5,10)(8,7)(5,0)(2,7)

Polygon = *Kite*

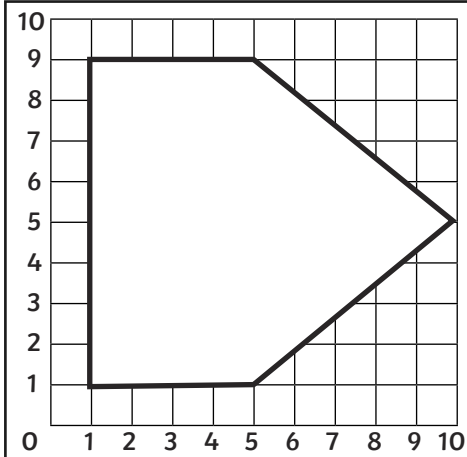


# Coordinate Polygons **Answers**

I can plot coordinates to draw polygons.

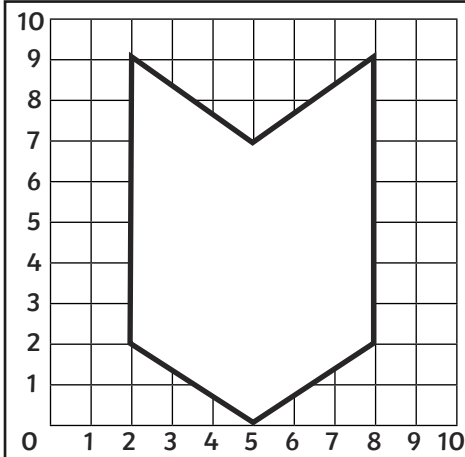


Plot the given co-ordinates on the grid and join them up to identify the polygon.



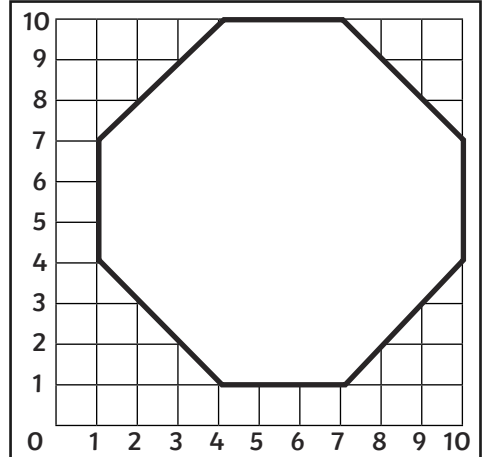
7. (1,9)(1,1)(5,1)  
(10,5)(5,9)

Polygon = *Irregular*  
**Pentagon**



8. (2,9)(5,7)(8,9)  
(8,2)(5,0)(2,2)

Polygon = *Irregular*  
**Hexagon**



9. (1,7)(4,10)(7,10)(10,7)  
(10,4)(7,1)(4,1)(1,4)

Polygon = *Irregular*  
**Octagon**



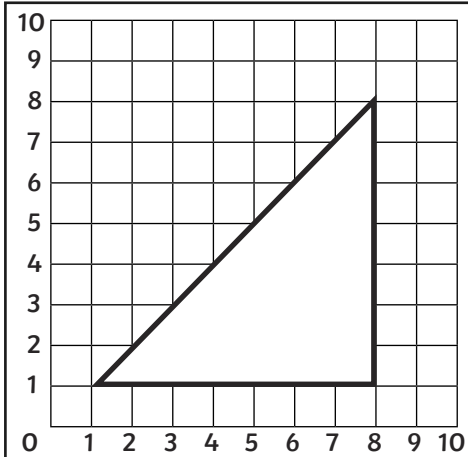
# Coordinate Polygons Answers

I can plot coordinates to draw polygons.



Plot the given co-ordinates on the grid and join them up to identify the polygon.

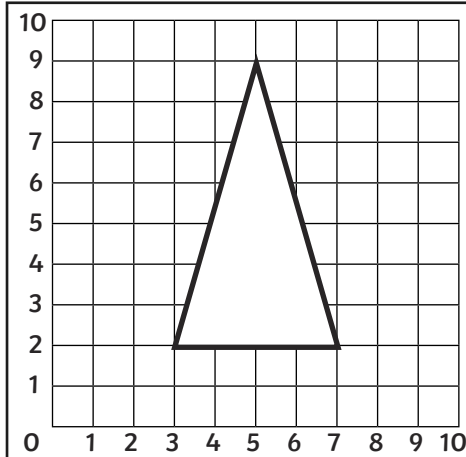
Extra Challenge: Use a ruler to measure the sides of each polygon to the nearest half cm and calculate the perimeter of each polygon.



1.  $(1,1)(8,8)(8,1)$

Polygon = **Right-angled Triangle**

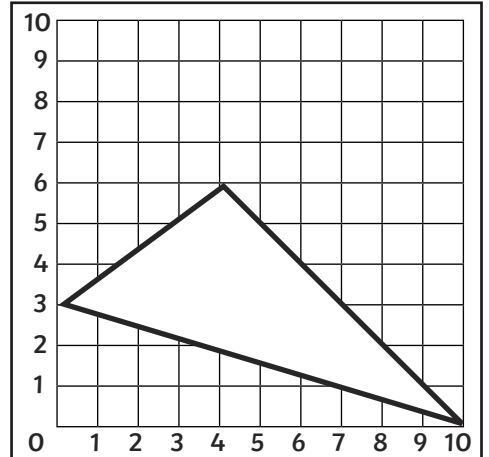
Perimeter = **12.5 cm**



2.  $(3,2)(5,9)(7,2)$

Polygon = **Isosceles Triangle**

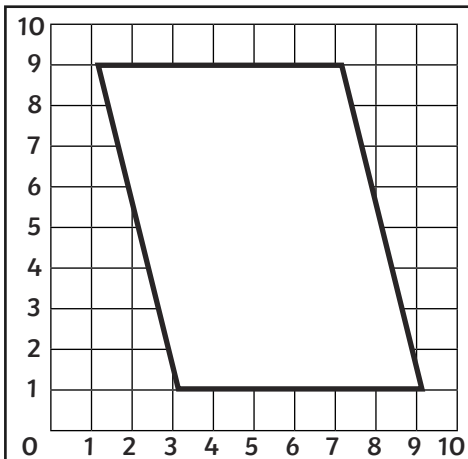
Perimeter = **10 cm**



3.  $(0,3)(4,6)(10,0)$

Polygon = **Scalene Triangle**

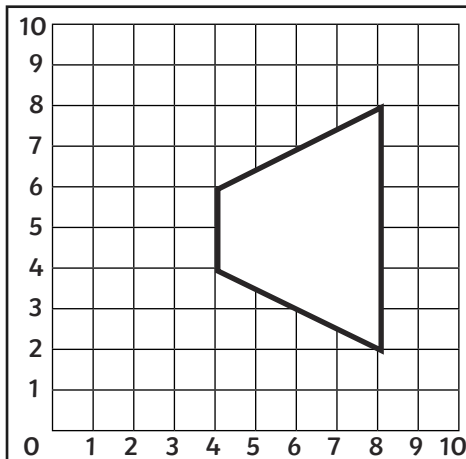
Perimeter = **12.5 cm**



4.  $(1,9)(7,9)(9,1)(3,1)$

Polygon = **Parallelogram**

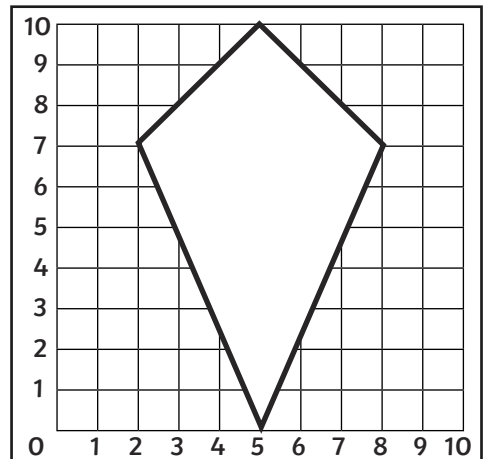
Perimeter = **15 cm**



5.  $(8,8)(8,2)(4,3)(4,6)$

Polygon = **Trapezium**

Perimeter = **9 cm**



6.  $(5,10)(8,7)(5,0)(2,7)$

Polygon = **Kite**

Perimeter = **14 cm**



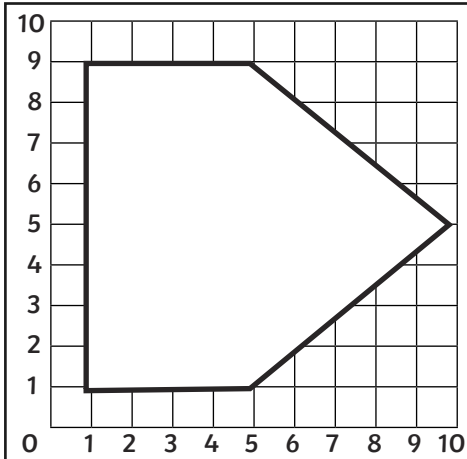
# Coordinate Polygons **Answers**

I can plot coordinates to draw polygons.



Plot the given co-ordinates on the grid and join them up to identify the polygon.

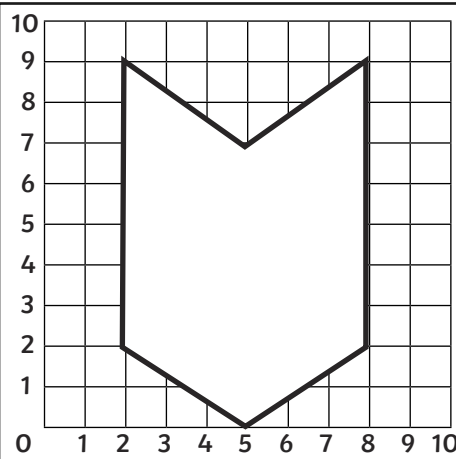
Extra Challenge: Use a ruler to measure the sides of each polygon to the nearest half cm and calculate the perimeter of each polygon.



7. (1,9)(1,1)(5,1)  
(10,5)(5,9)

Polygon = **Irregular  
Pentagon**

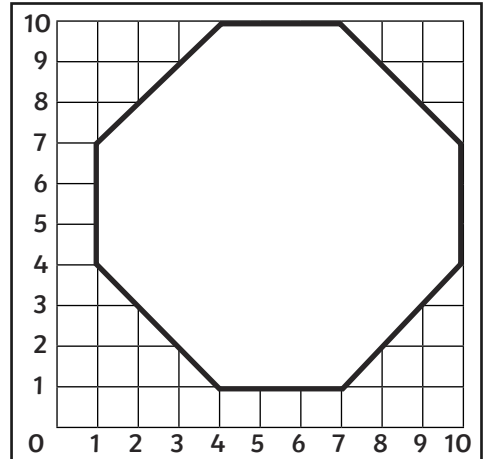
Perimeter = **15 cm**



8. (2,9)(5,7)(8,9)  
(8,2)(5,0)(2,2)

Polygon = **Irregular  
Hexagon**

Perimeter = **15 cm**



9. (1,7)(4,10)(7,10)(10,7)  
(10,4)(7,1)(4,1)(1,4)

Polygon = **Irregular  
Octagon**

Perimeter = **16 cm**