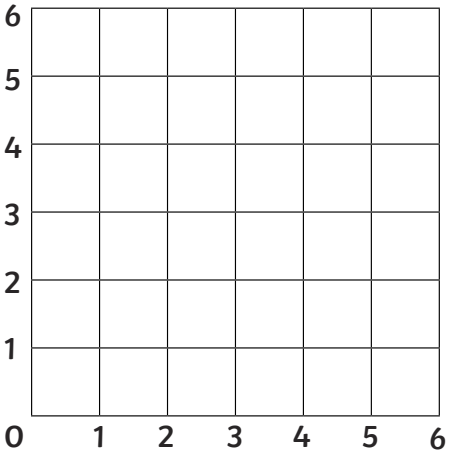
Coordinate Polygons

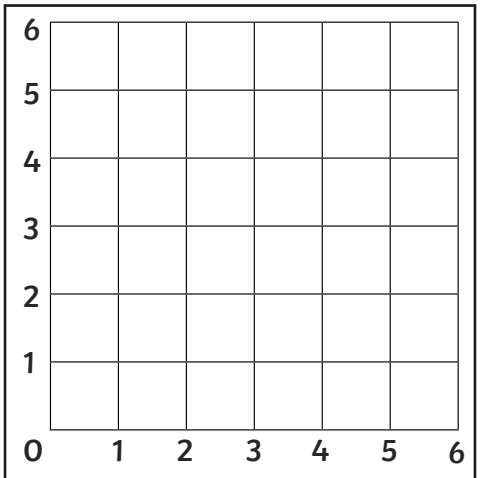
I can plot coordinates to draw polygons.

Plot the given coordinates on the grid and join them up to identify the polygon.



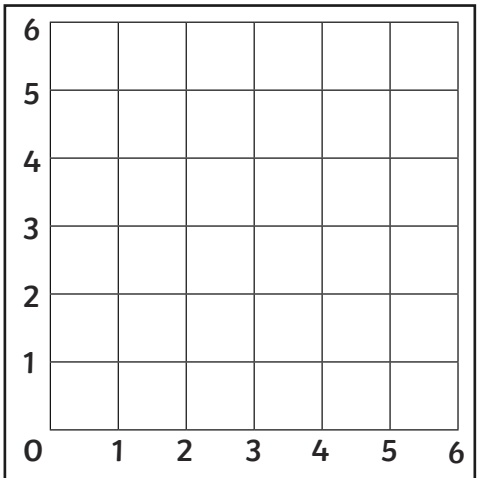
1. (1,1) (5,1) (5,5) (1,5)

Polygon =



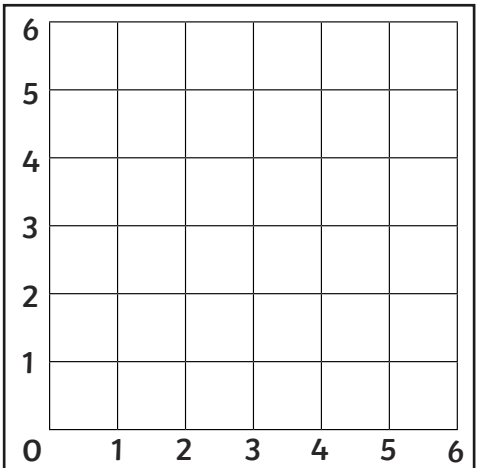
2. (1,3) (5,3) (5,5) (1,5)

Polygon =



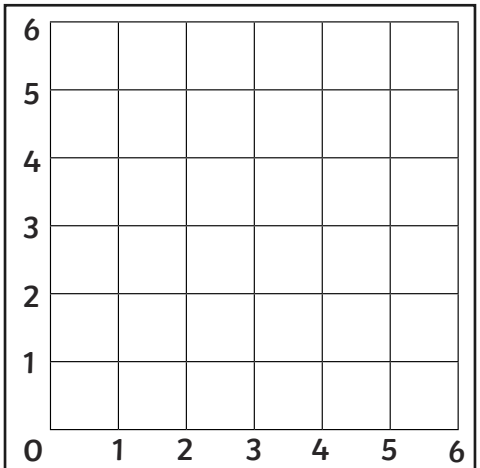
3. (0,3) (3,6) (6,3) (3,0)

Polygon =



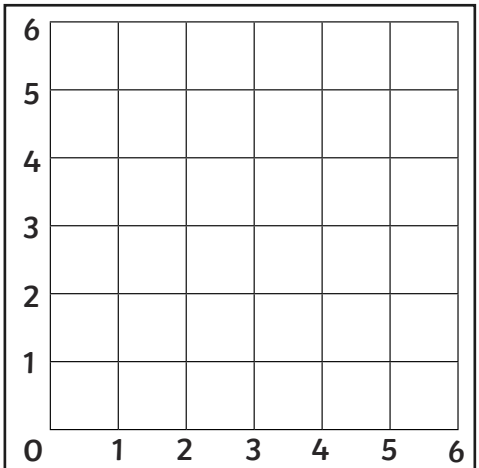
4. (2,6) (4,6) (4,0) (2,0)

Polygon =



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

Polygon =



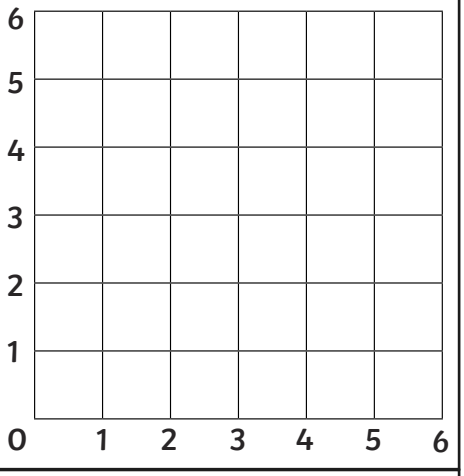
6. (1,4) (3,5) (5,4) (4,2) (2,2)

Polygon =

Coordinate Polygons

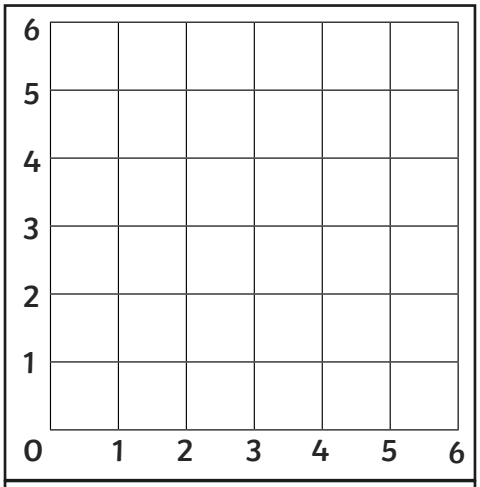
I can plot coordinates to draw polygons.

Plot the given coordinates on the grid and join them up to identify the polygon.



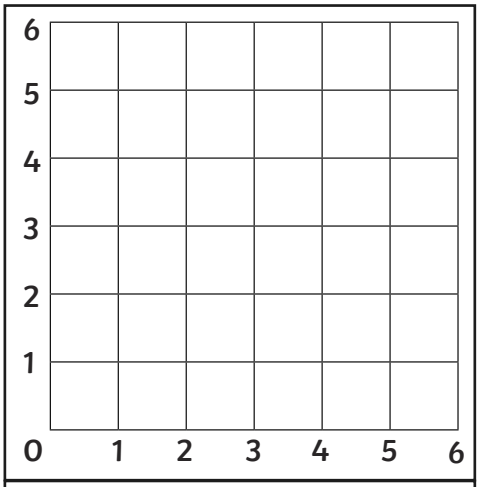
7. (3,5) (5,3) (5,1) (1,1) (1,3)

Polygon =



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

Polygon =



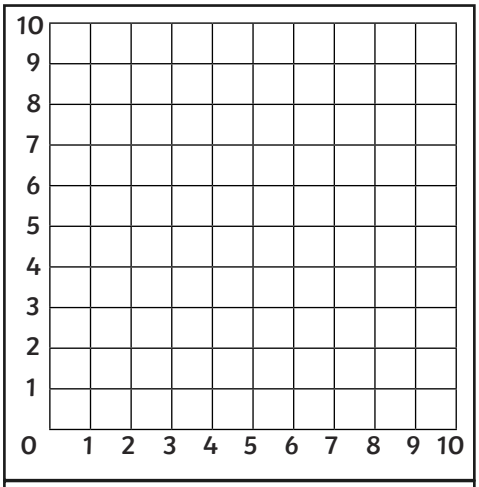
9. (1,5) (2,3) (1,1) (5,1) (4,3) (5,5)

Polygon =

Coordinate Polygons

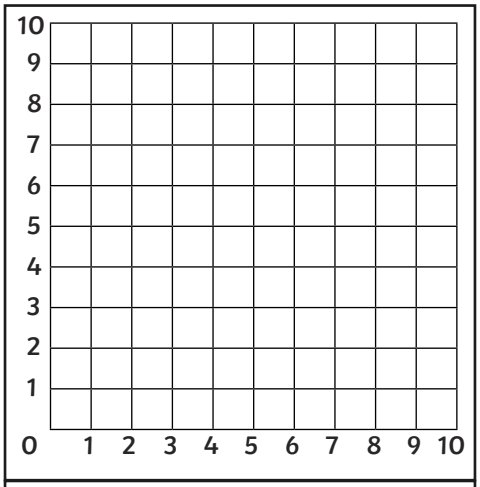
I can plot coordinates to draw polygons.

Plot the given coordinates on the grid and join them up to identify the polygon.



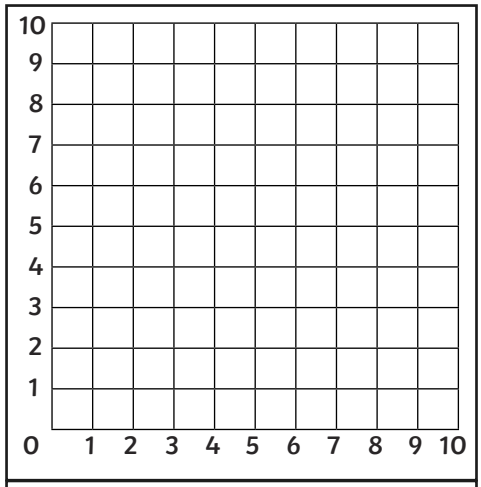
1. (0,3) (3,6) (6,3) (3,0)

Polygon =



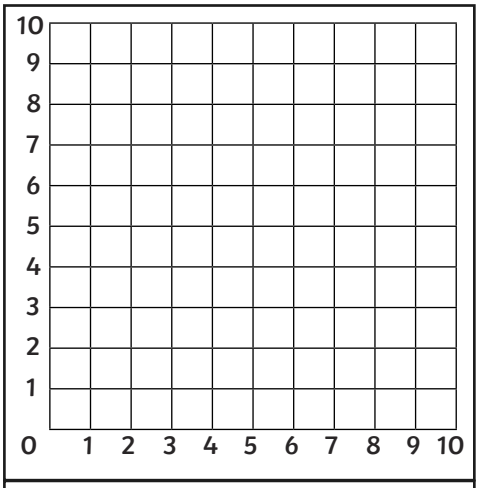
2. (3,2) (5,9) (7,2)

Polygon =



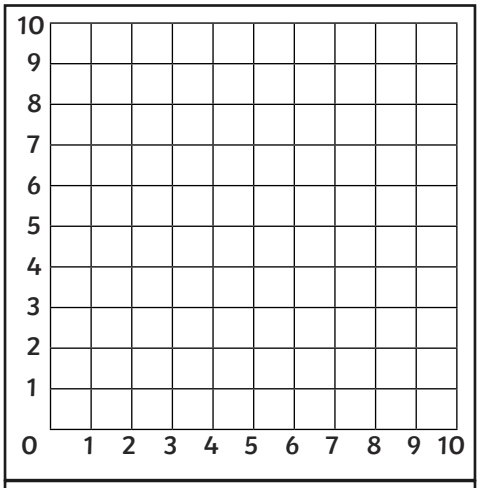
3. (0,3) (4,6) (10,0)

Polygon =



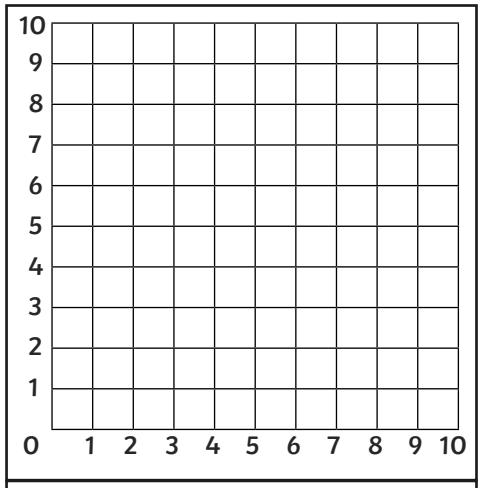
4. (1,9) (7,9) (9,1) (3,1)

Polygon =



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

Polygon =



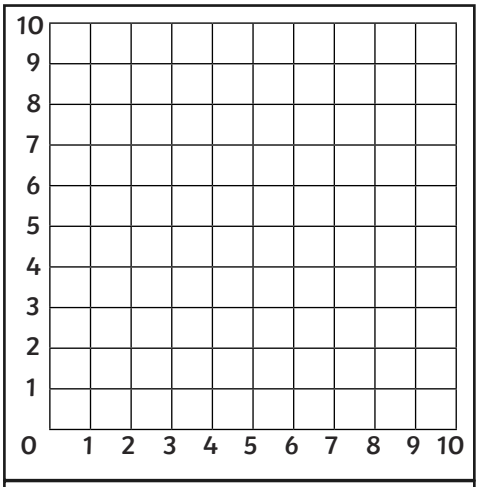
6. (5,10) (8,7) (5,0) (2,7)

Polygon =

Coordinate Polygons

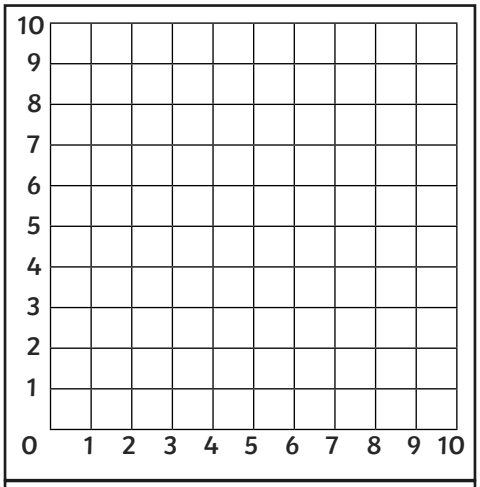
I can plot coordinates to draw polygons.

Plot the given coordinates on the grid and join them up to identify the polygon.



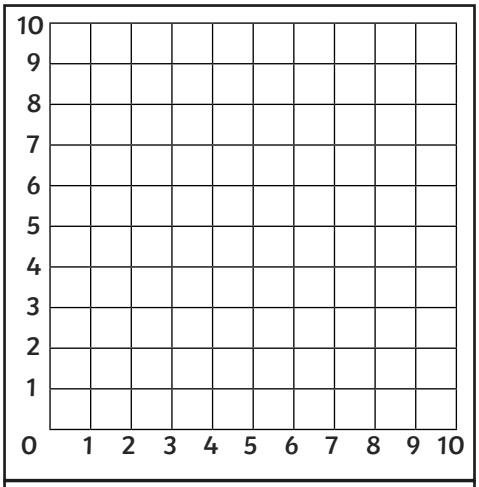
7. (1,9) (1,1) (5,1) (10,5) (5,9)

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)

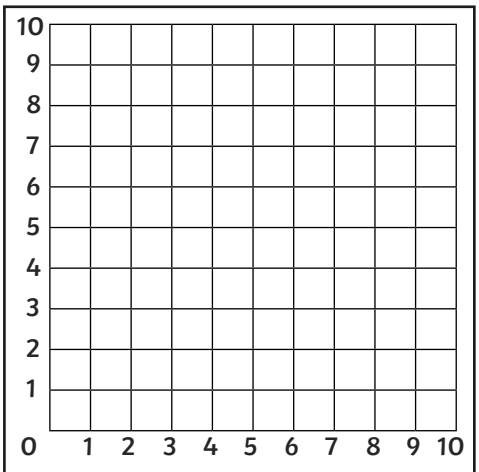
Polygon =

Coordinate Polygons

I can plot coordinates to draw polygons.

Plot the given coordinates on the grid and join them up to identify the polygon.

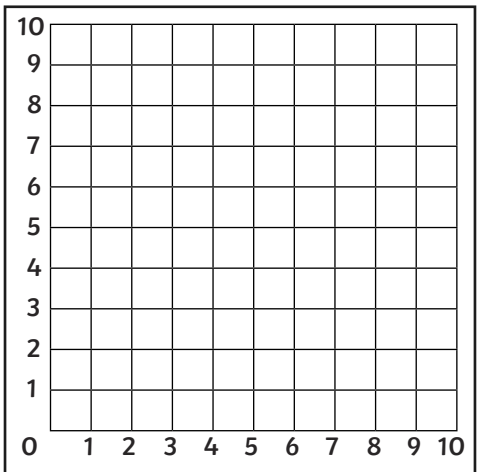
Extra Challenge: Use a ruler to measure the sides of each polygon to the nearest half cm and calculate the perimeter of each polygon.



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

Polygon =

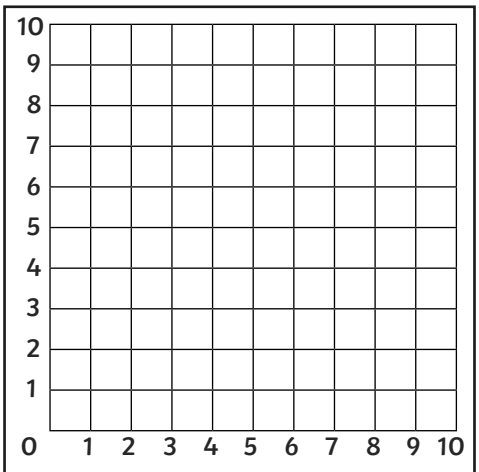
Perimeter =



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

Polygon =

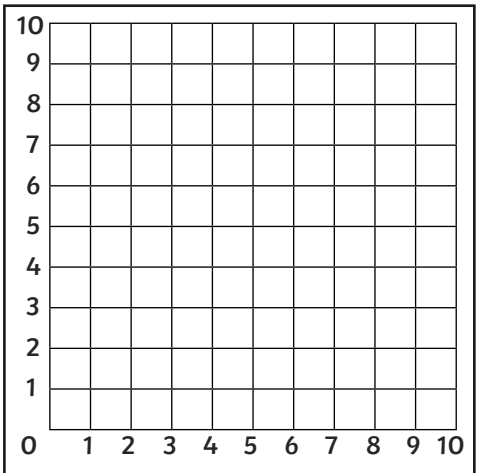
Perimeter =



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

Polygon =

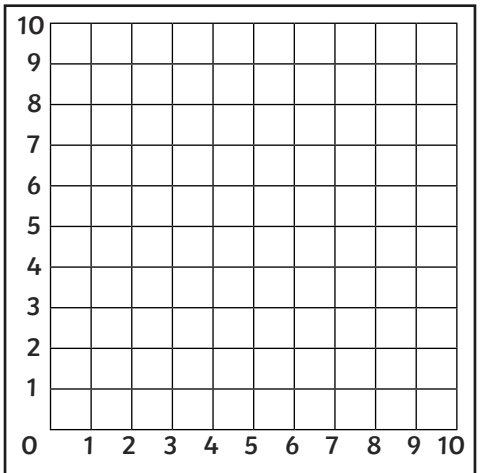
Perimeter =



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

Polygon =

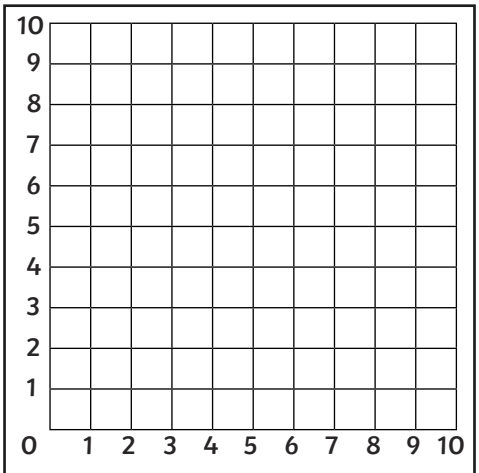
Perimeter =



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

Polygon =

Perimeter =



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

Polygon =

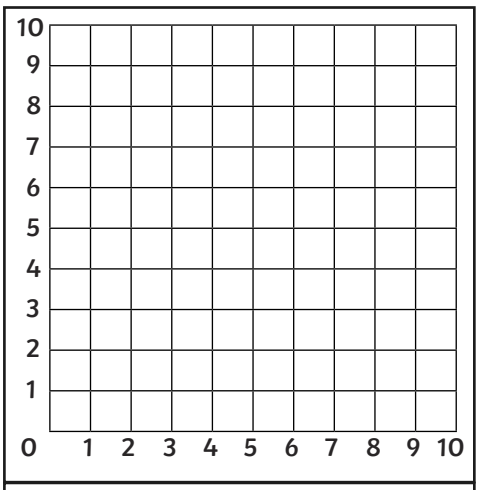
Perimeter =

Coordinate Polygons

I can plot coordinates to draw polygons.

Plot the given coordinates on the grid and join them up to identify the polygon.

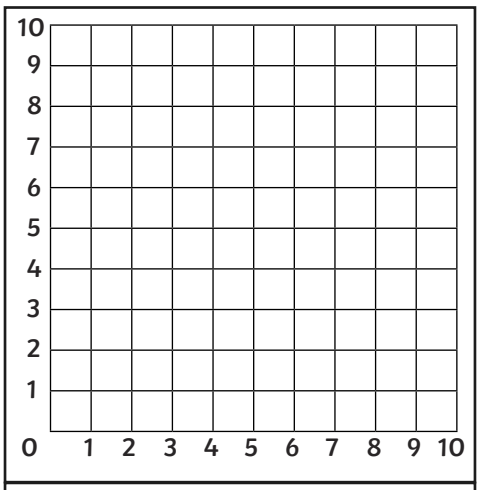
Extra Challenge: Use a ruler to measure the sides of each polygon to the nearest half cm and calculate the perimeter of each polygon.



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

Polygon =

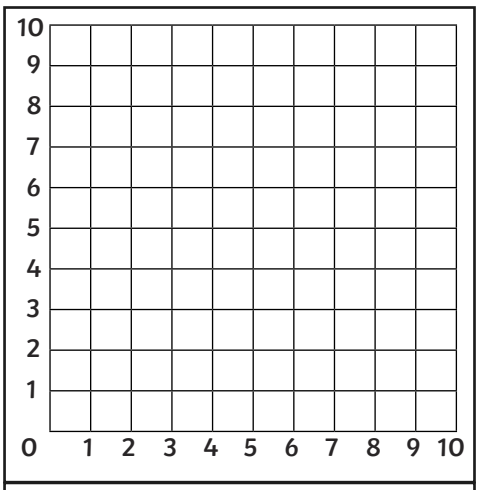
Perimeter =



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)

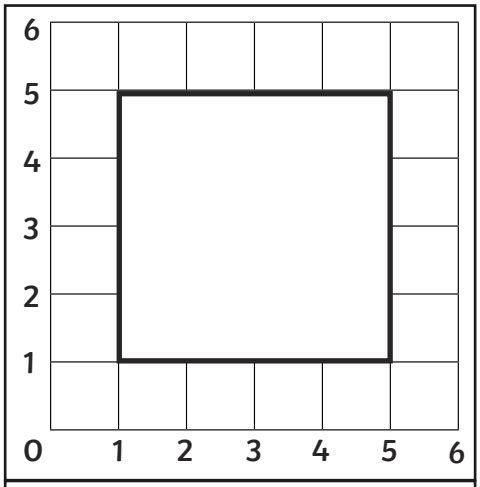
Polygon =

Perimeter =

Coordinate Polygons **Answers**

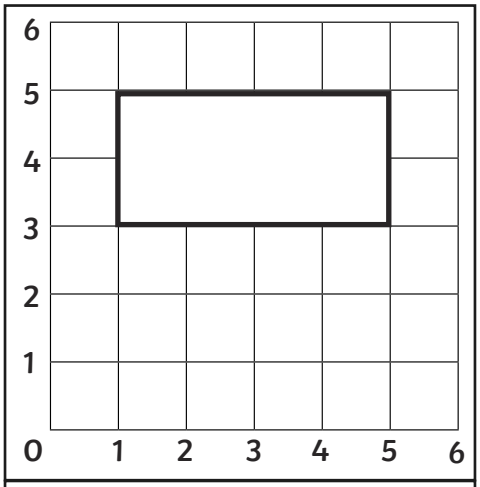
I can plot coordinates to draw polygons.

Plot the given coordinates on the grid and join them up to identify the polygon.



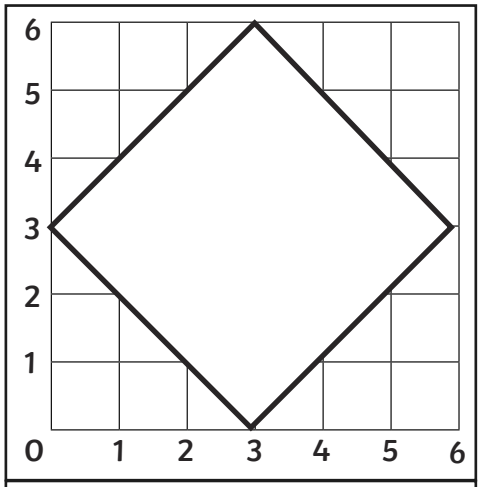
1. (1,1) (5,1) (5,5) (1,5)

Polygon = ***Square***



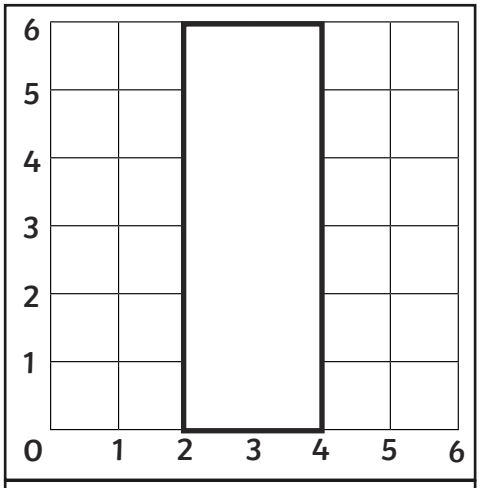
2. (1,3) (5,3) (5,5) (1,5)

Polygon = ***Rectangle***



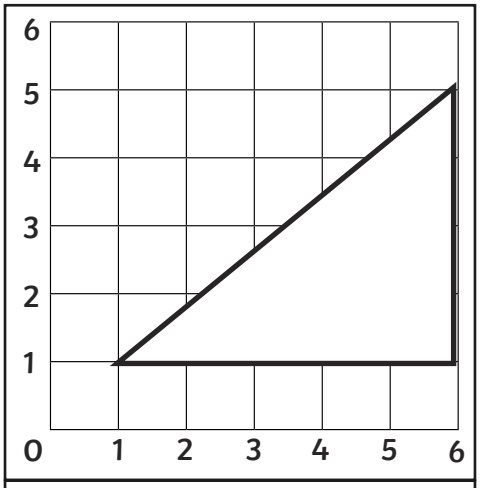
3. (0,3) (3,6) (6,3) (3,0)

Polygon = ***Square***



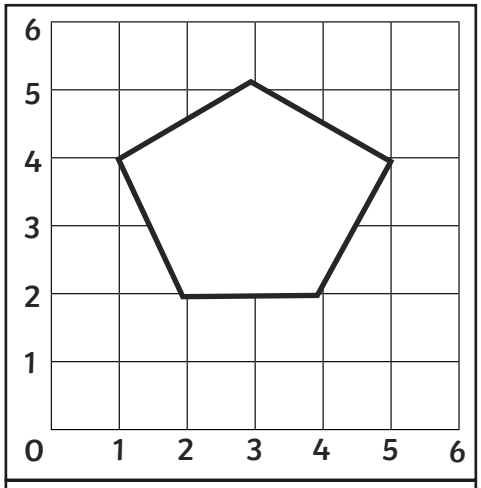
4. (2,6) (4,6) (4,0) (2,0)

Polygon = ***Rectangle***



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

Polygon = ***Right-Angled Triangle***



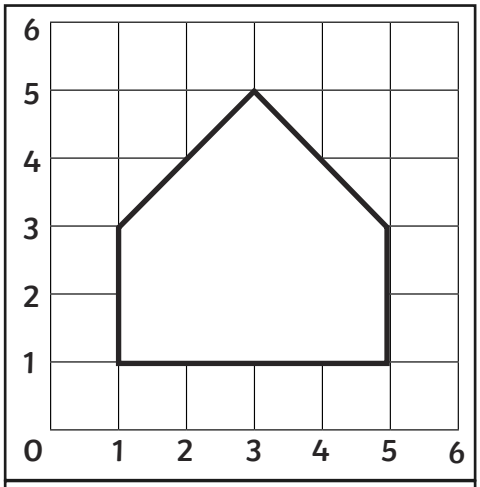
6. (1,4) (3,5) (5,4) (4,2) (2,2)

Polygon = ***Irregular Pentagon***

Coordinate Polygons **Answers**

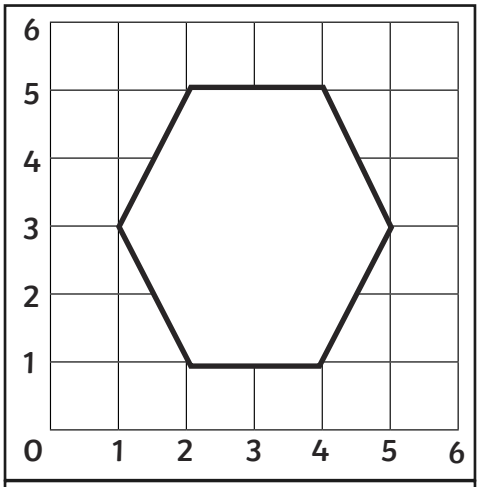
I can plot coordinates to draw polygons.

Plot the given coordinates on the grid and join them up to identify the polygon.



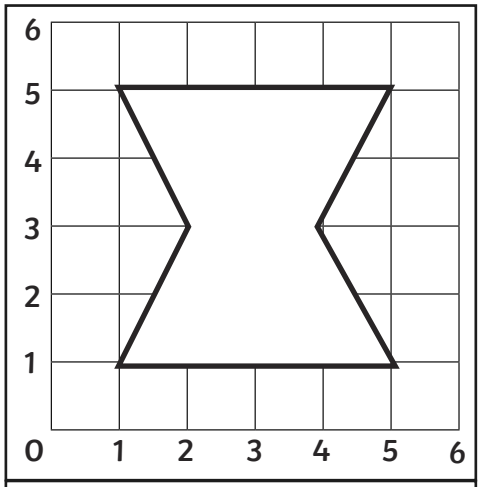
7. (3,5) (5,3) (5,1) (1,1) (1,3)

Polygon = *Irregular* *Pentagon*



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

Polygon = *Irregular* *Hexagon*



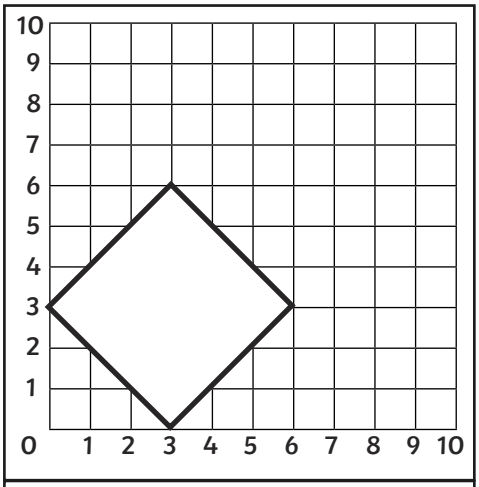
9. (1,5) (2,3) (1,1) (5,1) (4,3) (5,5)

Polygon = *Irregular* *Hexagon*

Coordinate Polygons **Answers**

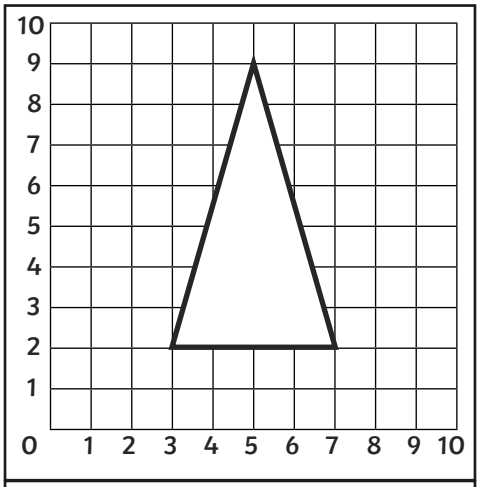
I can plot coordinates to draw polygons.

Plot the given coordinates on the grid and join them up to identify the polygon.



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

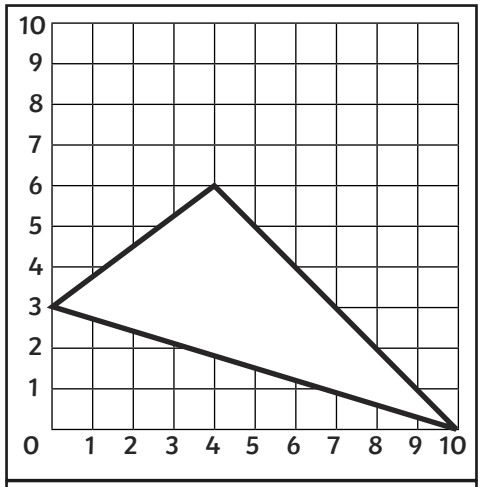
Polygon = ***Square***



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

Isosceles

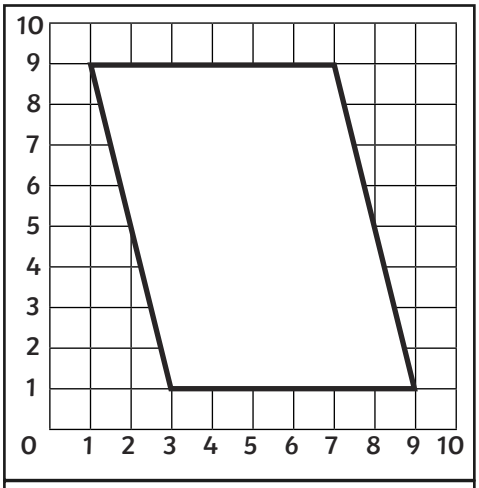
Polygon = ***Triangle***



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

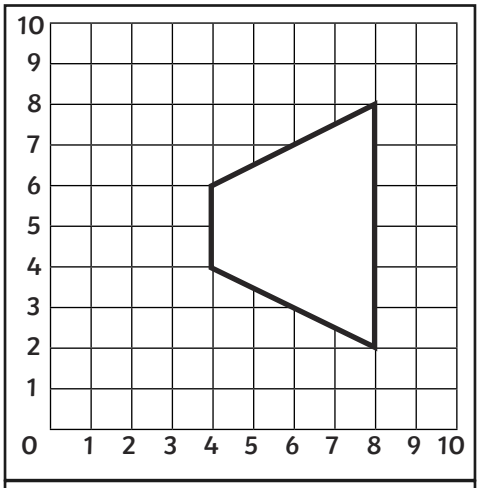
Scalene

Polygon = ***Triangle***



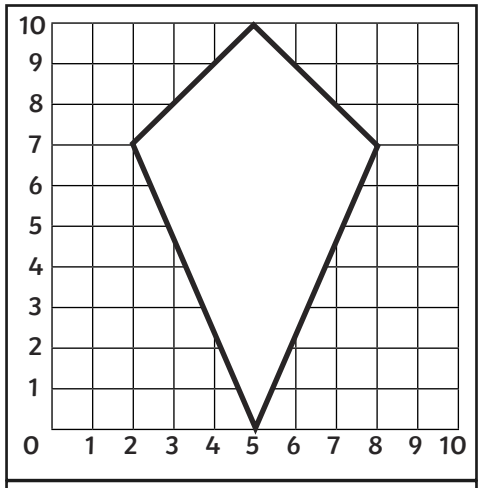
4. (1,9) (7,9) (9,1) (3,1)

Polygon = ***Parallelogram***



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

Polygon = ***Trapezium***



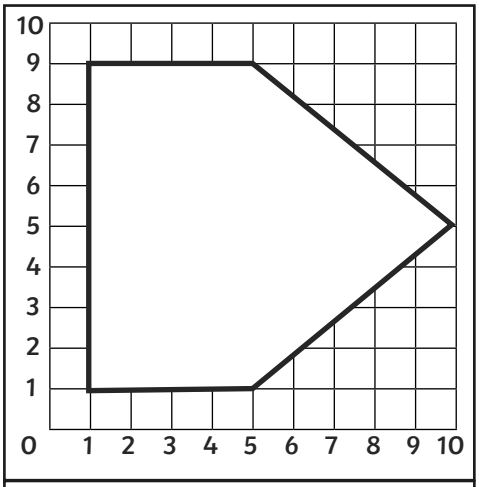
6. (5,10) (8,7) (5,0) (2,7)

Polygon = ***Kite***

Coordinate Polygons **Answers**

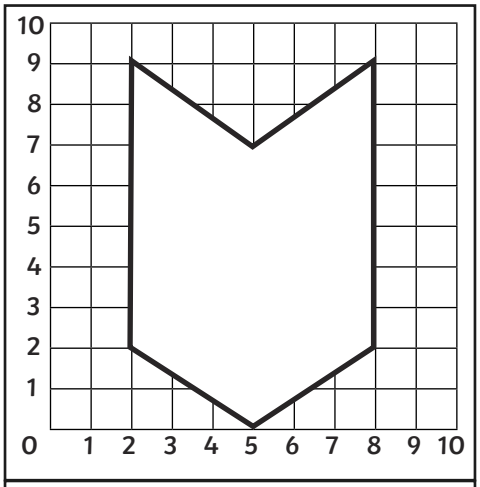
I can plot coordinates to draw polygons.

Plot the given coordinates on the grid and join them up to identify the polygon.



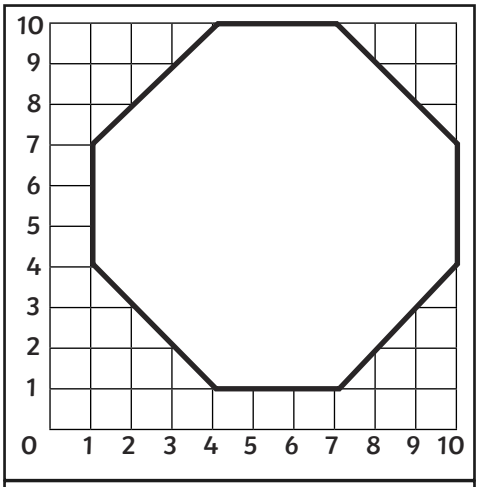
7. (1,9) (1,1) (5,1) (10,5) (5,9)

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)

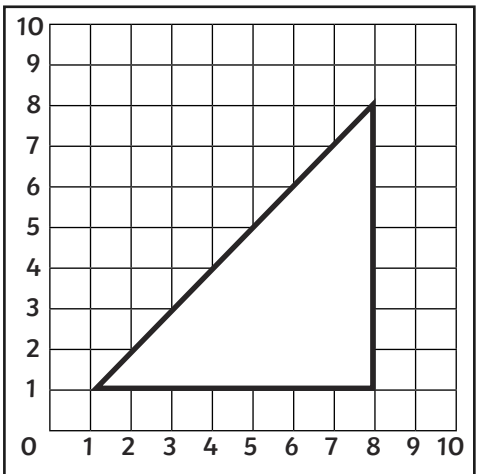
Polygon = ***Irregular Octagon***

Coordinate Polygons **Answers**

I can plot coordinates to draw polygons.

Plot the given coordinates on the grid and join them up to identify the polygon.

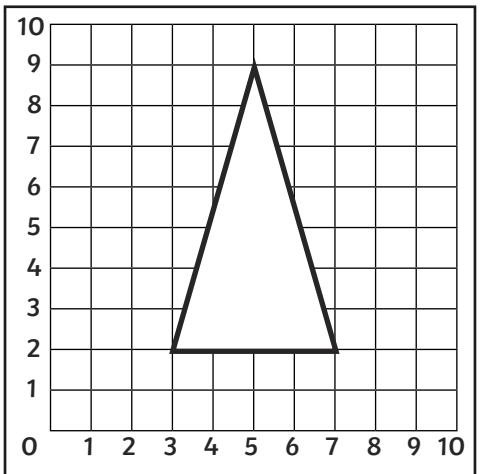
Extra Challenge: Use a ruler to measure the sides of each polygon to the nearest half cm and calculate the perimeter of each polygon.



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

Polygon = ***Right-angled Triangle***

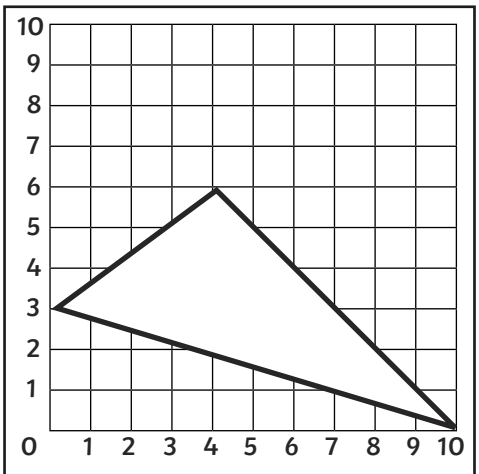
Perimeter = ***12.5 cm***



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

Polygon = ***Isosceles Triangle***

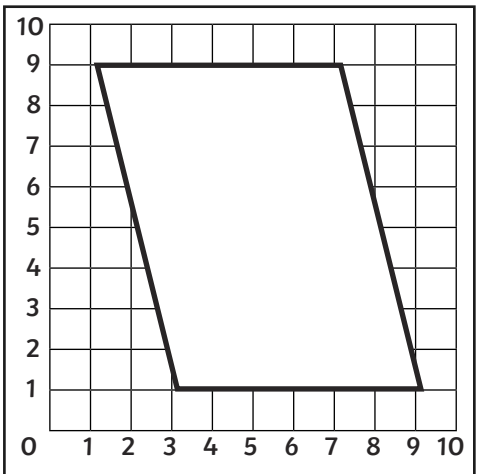
Perimeter = ***10 cm***



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

Polygon = ***Scalene Triangle***

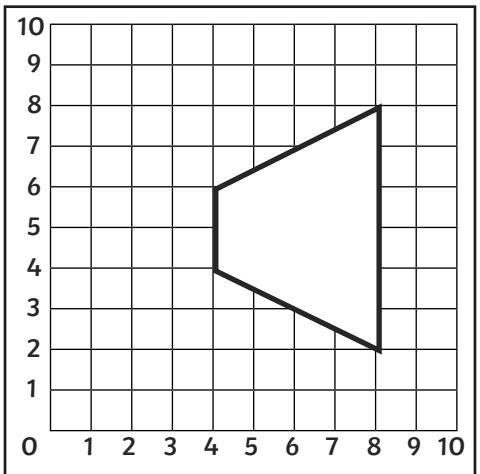
Perimeter = ***12.5 cm***



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

Polygon = ***Parallelogram***

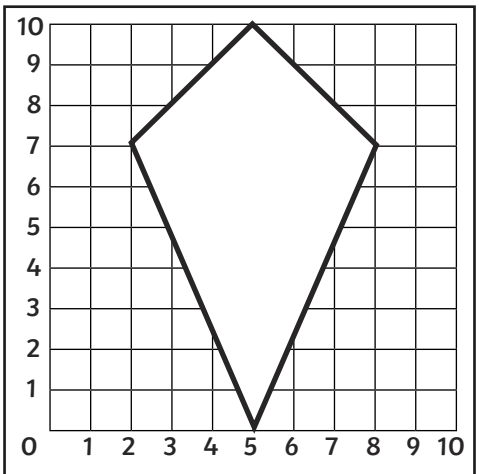
Perimeter = ***15 cm***



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***

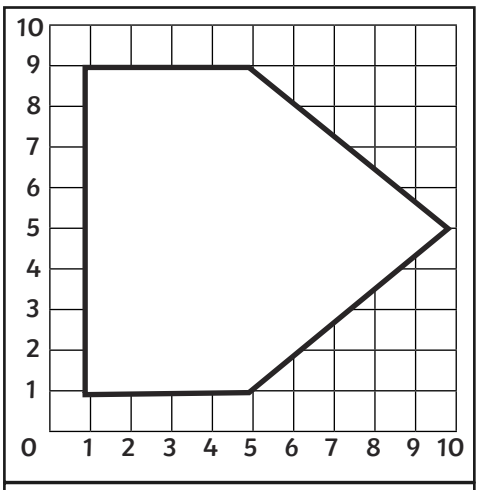
Perimeter = ***14 cm***

Coordinate Polygons **Answers**

I can plot coordinates to draw polygons.

Plot the given coordinates on the grid and join them up to identify the polygon.

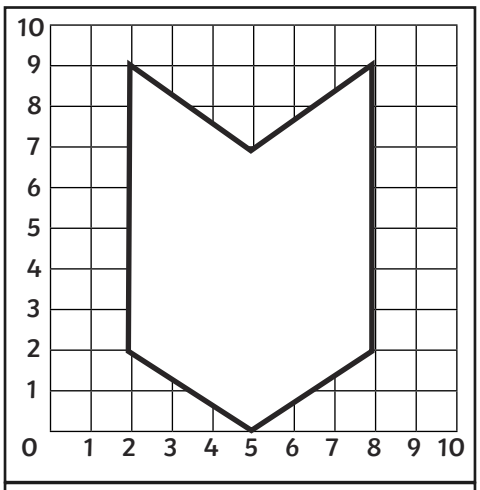
Extra Challenge: Use a ruler to measure the sides of each polygon to the nearest half cm and calculate the perimeter of each polygon.



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

Polygon = *Irregular Pentagon*

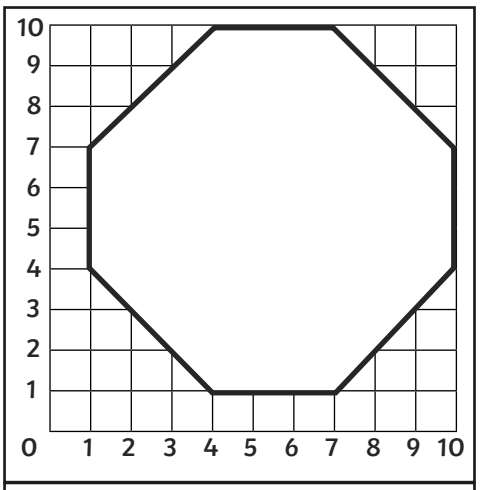
Perimeter = *15 cm*



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*