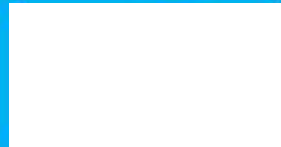


# Maths Mastery

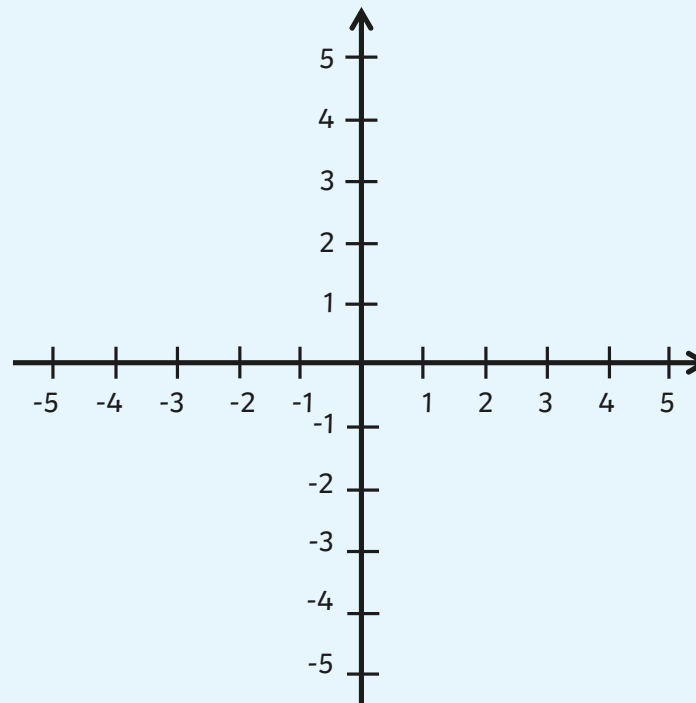
Geometry Position and  
Direction Coordinate Grids



# The Coordinates Grid

Draw the axes for a coordinates grid and number the axes from -5 to 5.

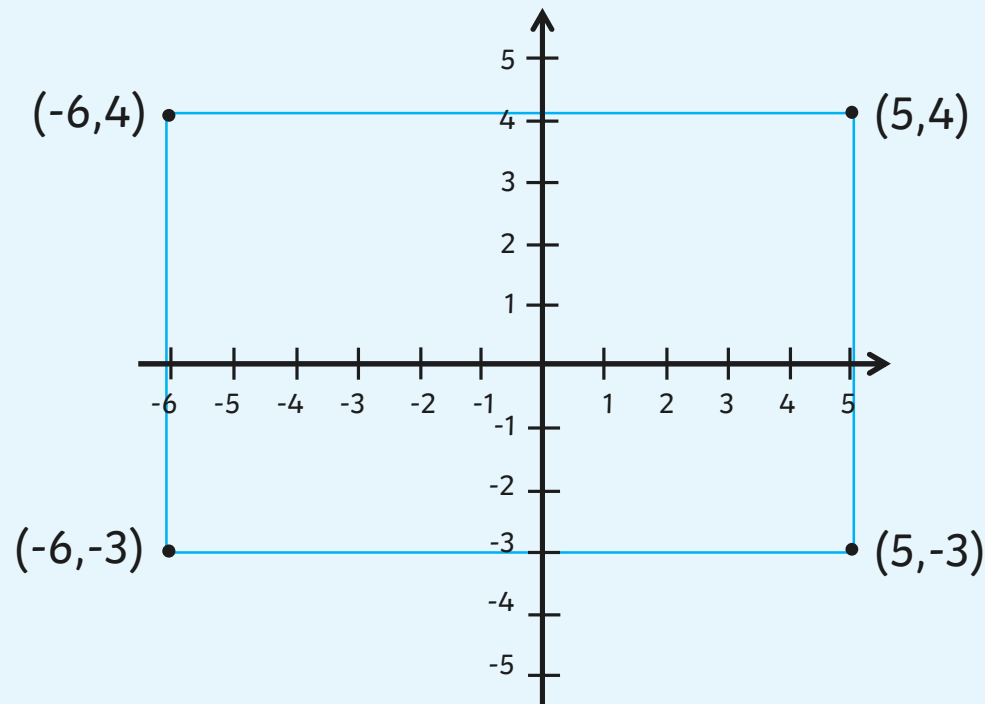
Click for answer



Draw a rectangle within the grid and label each of the coordinates.  
Share your rectangle with a partner.

# Rectangle

These coordinates are at the corners of a rectangle.  
The rectangle is parallel to the axes of the grid.

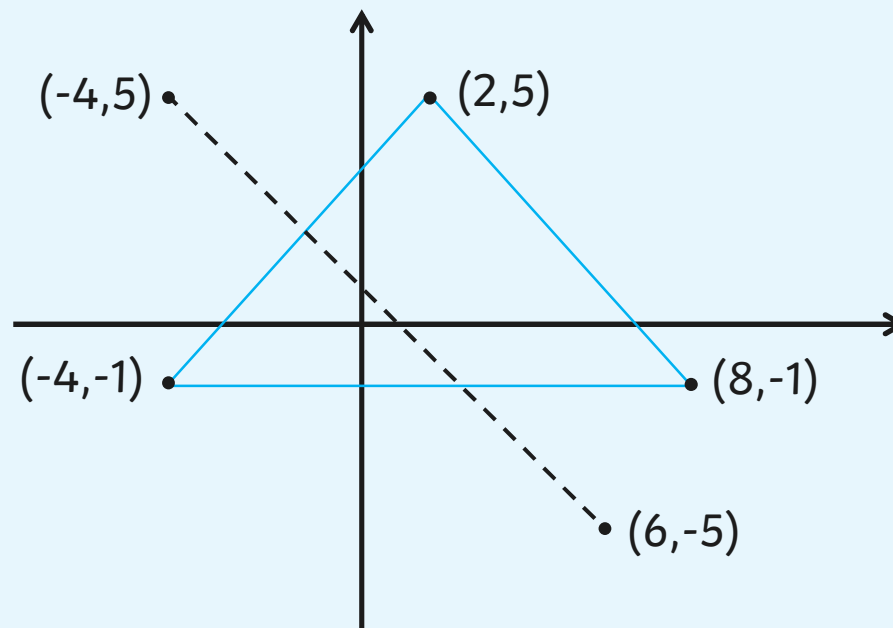


What are the other coordinates of the rectangles? [Click for answer](#)

On unmarked grids, design some of your own similar problems for a partner.

# Triangles

Here are two coordinates for an isosceles triangle.



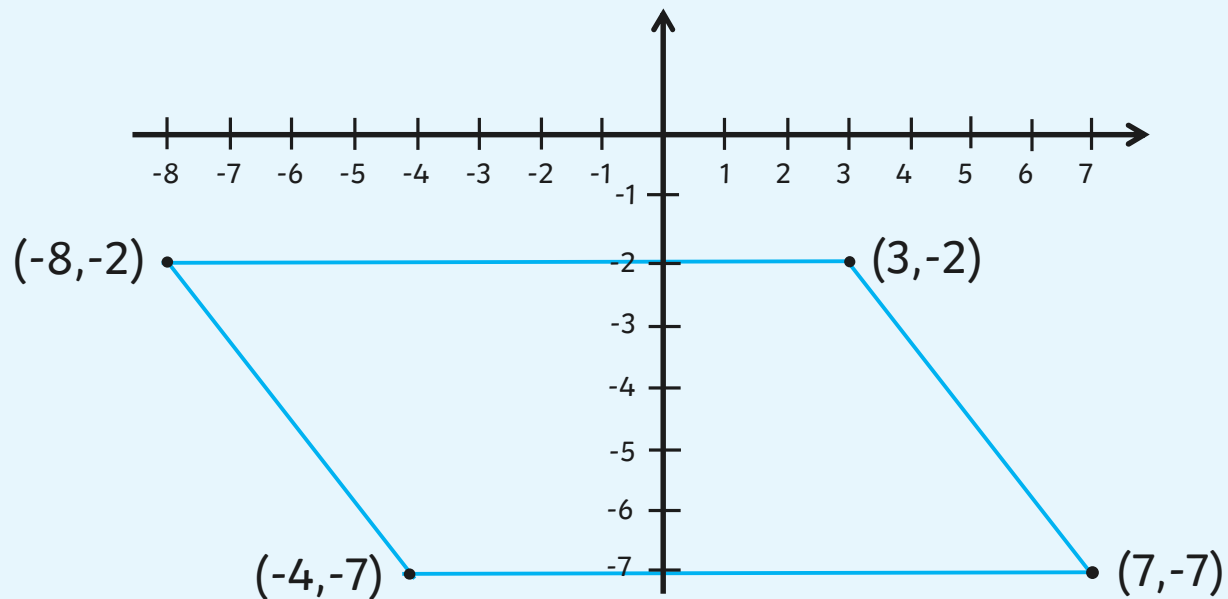
What possible pairs of coordinates are there for the other corner of the triangle?

[Click for answer](#)

Other possibilities are any point along the dotted line from  $(-4, 5)$  to  $(6, -5)$

# Parallelograms

Here are three coordinates for a parallelogram.  $(-8,-2)$   $(-4,-7)$   $(7,-7)$



What are the coordinates of the other corner of the parallelogram?

[Click for answer](#)

Create your own similar parallelogram questions for a partner. Can they explain the solution to you?

