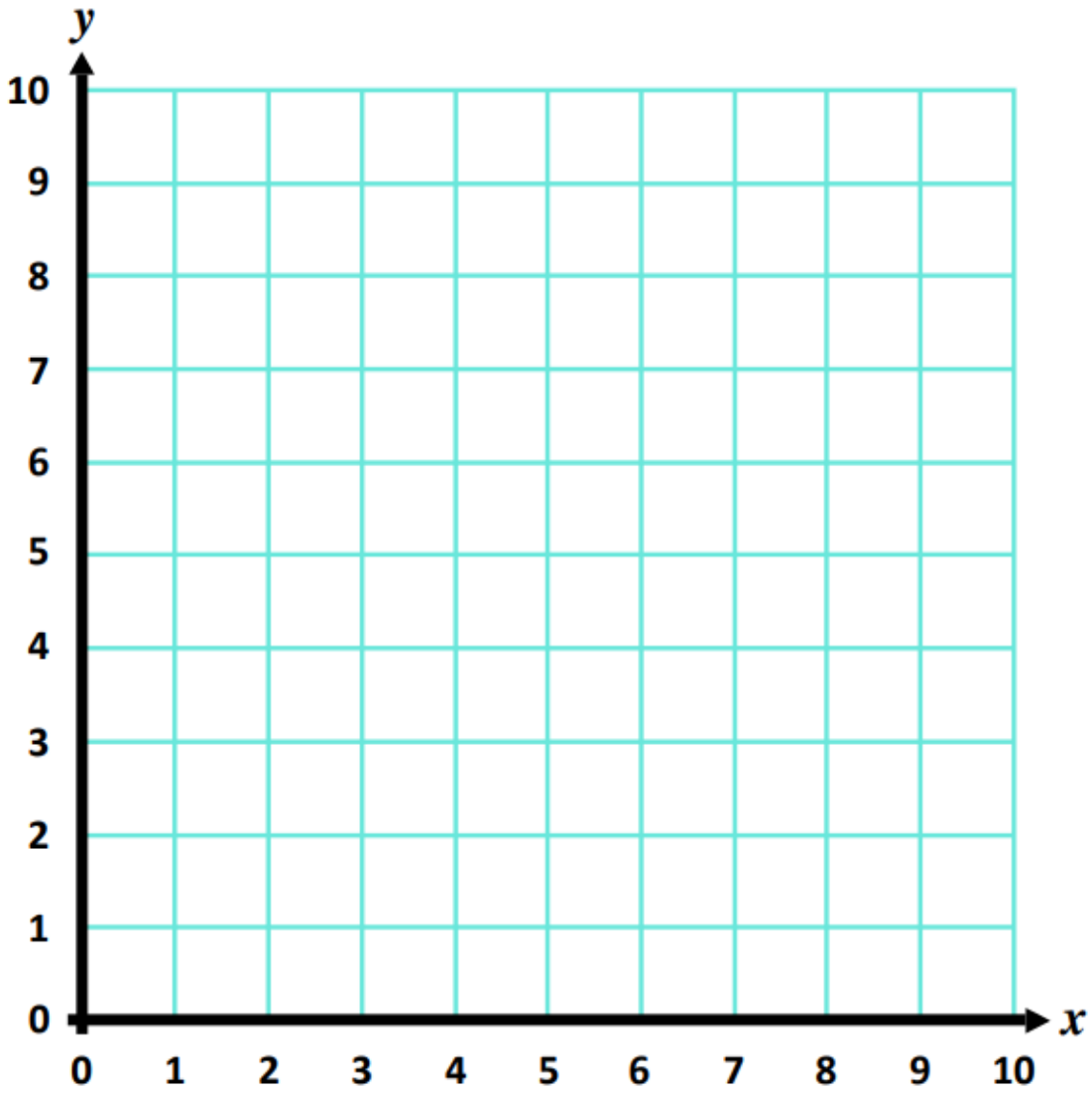
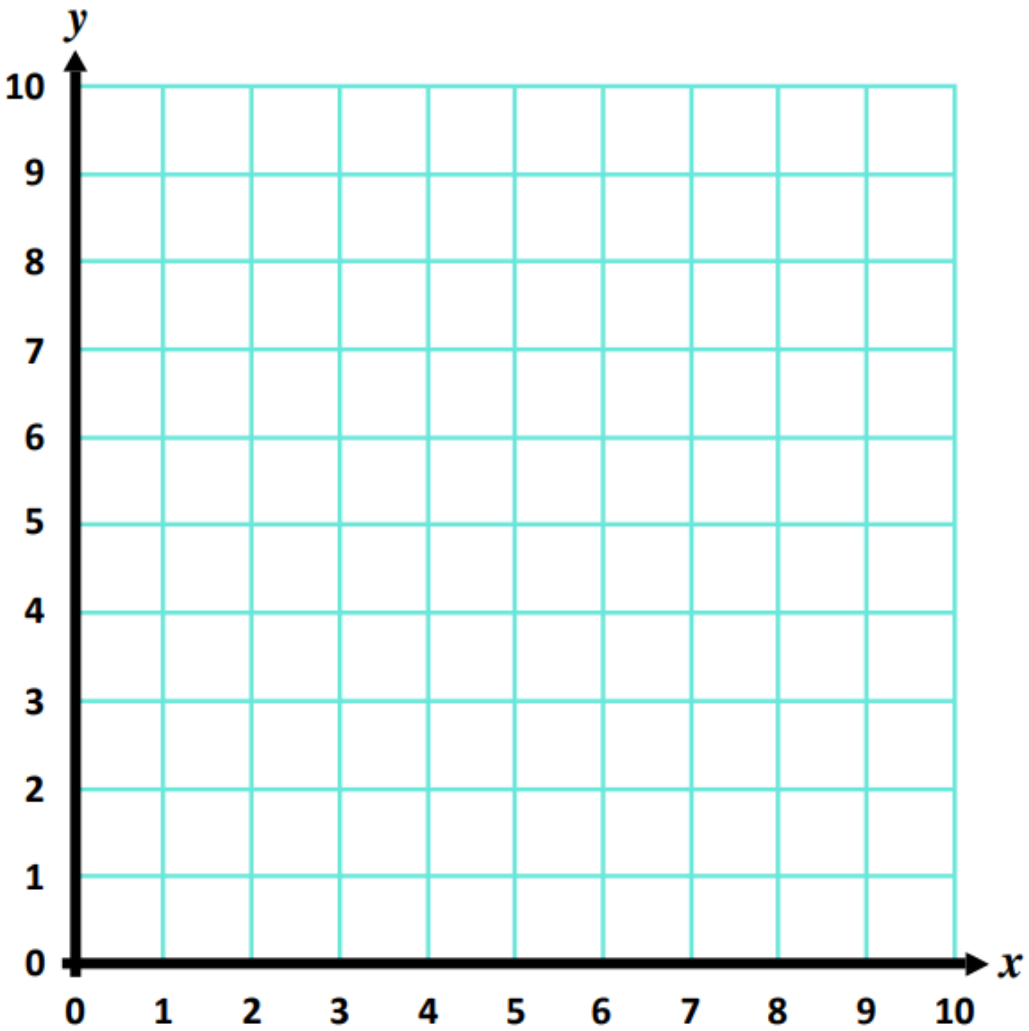
Draw shapes on the grid to find the missing coordinates

1) Draw an isosceles triangle. The base of the triangle has the coordinates (1,4) and (5,4). The third point of the triangle has the coordinates (?, 8). What is the missing coordinate?

2) A right-angled triangle has the coordinates (5,0), (5,3) and (9,0). Turn the triangle into a rectangle by adding one more point. What are the coordinates of the fourth point?

3) A regular hexagon has the following four coordinates: (6,9), (5,7), (6,5) and (8,5). Give the two missing coordinates to complete the shape.

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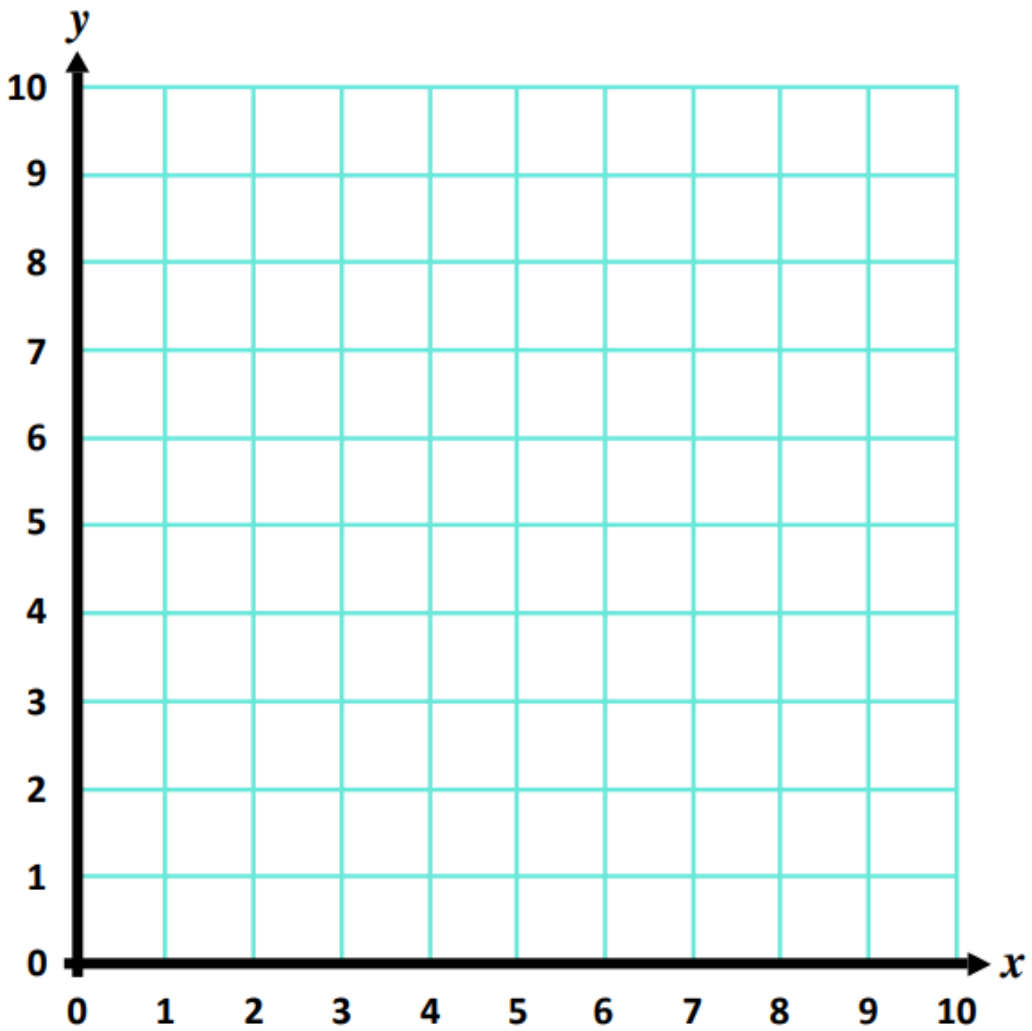
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