Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



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| Find the coordinates of point C if C is ¼ of the distance from point A = (-6,5) to point B = (2,5)    C = (\_\_\_,\_\_\_) | Find the coordinates of point C if C is 1/3 of the distance from point A = (6,-2) to point B = (-3,-2)    C = (\_\_\_,\_\_\_) |
| Find the coordinates of point C if C is ½ of the distance from point A = (-3,7) to point B = (-3,-5)    C = (\_\_\_,\_\_\_) | Find the coordinates of point C if C partitions AB with a ratio of 3:1. A = (1, -2) and B = (5, 6)    C = (\_\_\_,\_\_\_) |
| Find the coordinates of point C if C partitions AB with a ratio of 2:1. A = (0,5) and B = (3,-4)    C = (\_\_\_,\_\_\_) | Find the coordinates of point C if C partitions BA with a ratio of 1:3. B = (-3, 3) and A = (5, -1).    C = (\_\_\_,\_\_\_) |