Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Partitioning Worksheet

1. Given the points and , find the coordinates of the points that partition AB in the ratio 5:2.
2. Find the coordinates of the points that partition AB in the ratio 3:1 if and .
3. Given the points and , find the coordinates of the points that partition AB in the ratio 1 to 4.
4. Given the points and , find the coordinates of the points that partition AB in the ratio 3 to 2.
5. Find the coordinates of the points that partition AB in the ratio 1:2 if and .
6. Given the points and , find the coordinates of the points that partition AB in the ratio 3:6.
7. Find the coordinates of the points that partition AB in the ratio 6:1 if and .
8. Given the points and , find the coordinates of the points that partition AB in the ratio 1 to 3.

1. Find the coordinates of the points that partition AB in the ratio 3 to 4 if and .
2. Given the points and , find the coordinates of the points that partition AB in the ratio 5:2.