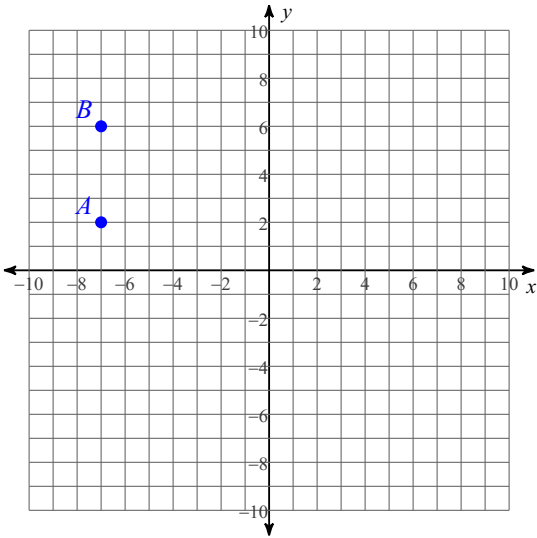


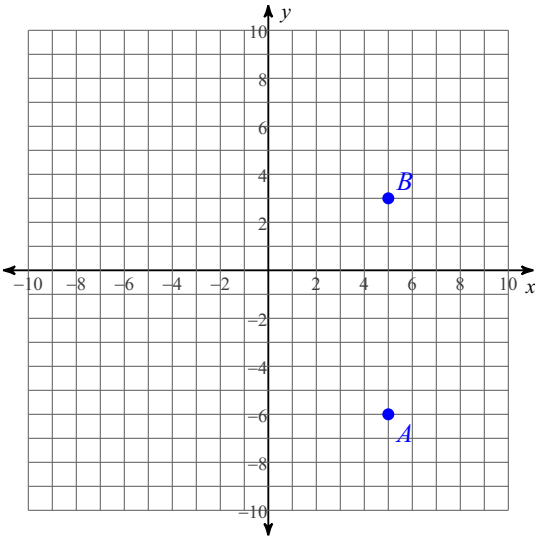
Distances on the Coordinate Plane

Find the distance between points *A* and *B*. State whether you worked with *x* or *y* coordinates. Then, show what addition or subtraction expression you used to find the distance.

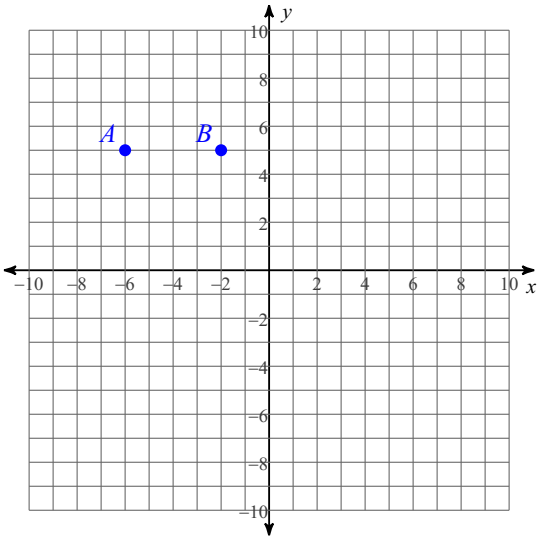
1)



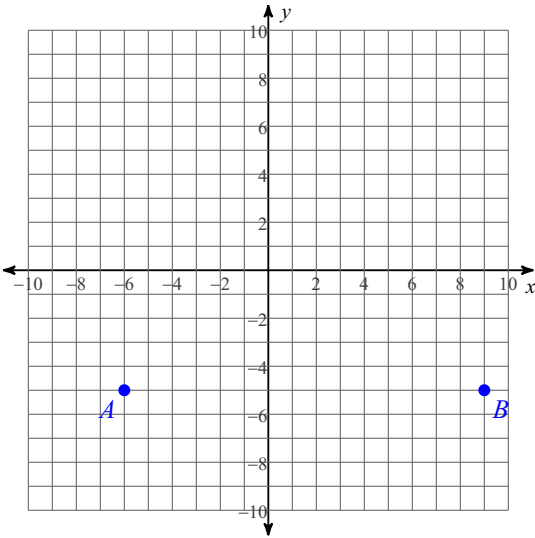
2)



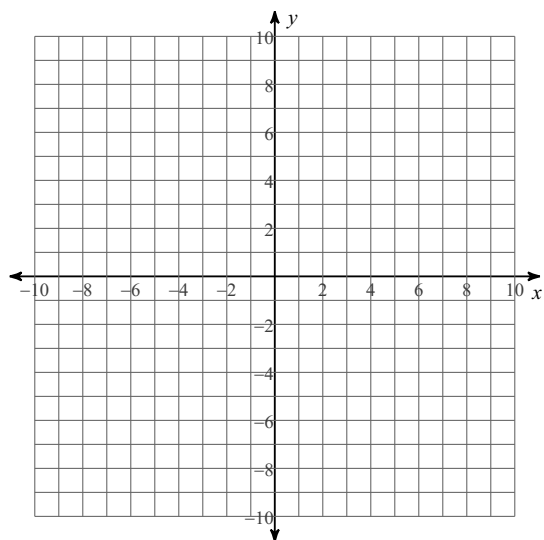
3)



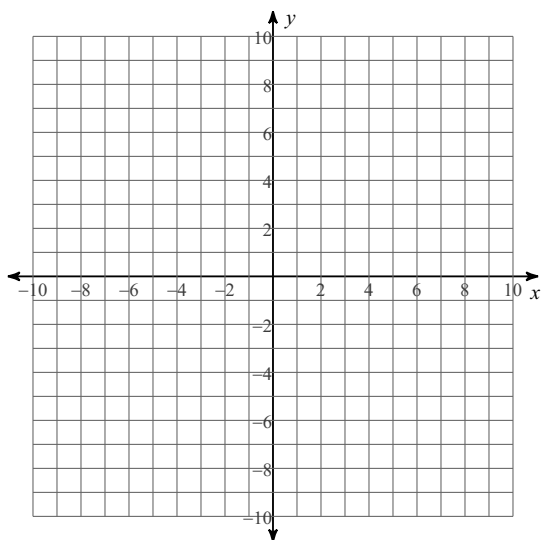
4)



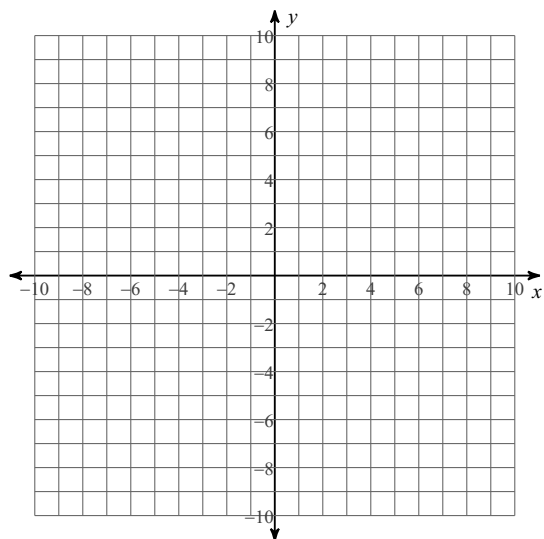
5) $A(7, 2), B(7, 8)$



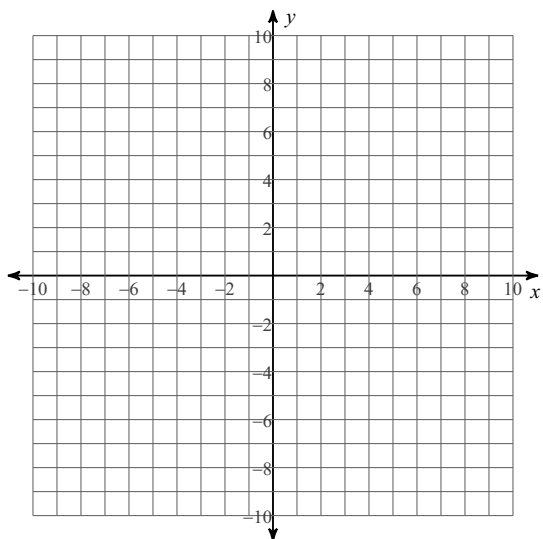
6) $A(-4, 7), B(-8, 7)$



7) $A(2, -7), B(2, 8)$



8) $A(4, 8), B(-1, 8)$

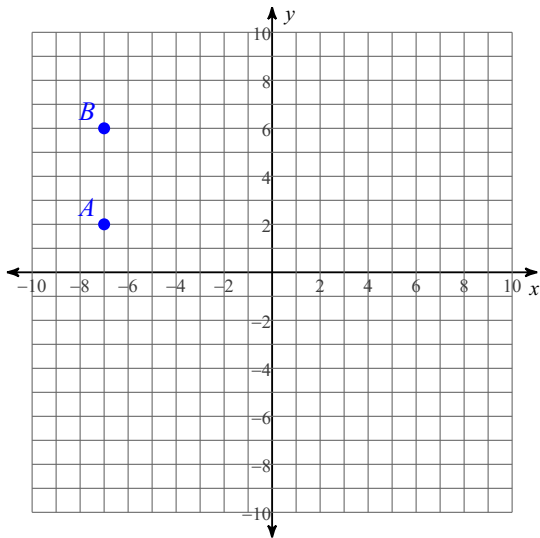


Distances on the Coordinate Plane

Date _____ Period _____

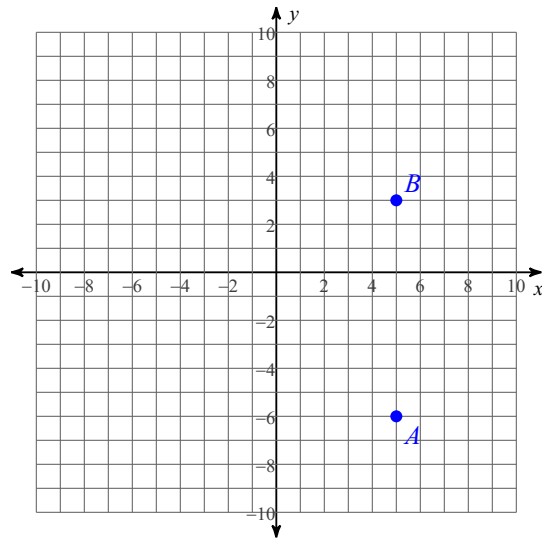
Find the distance between points *A* and *B*. State whether you worked with *x* or *y* coordinates. Then, show what addition or subtraction expression you used to find the distance.

1)



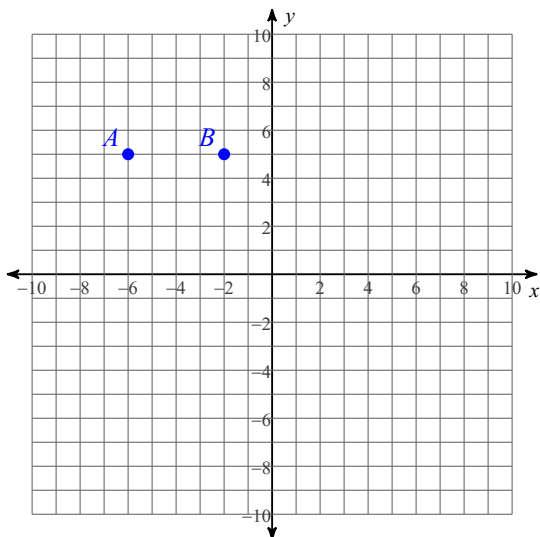
y coordinates
 $6 - 2 = 4$ units

2)



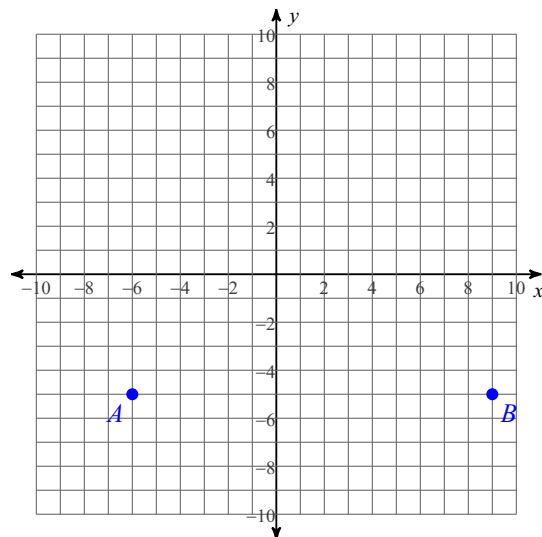
y coordinates
 $|-6| + 3 = 9$ units

3)



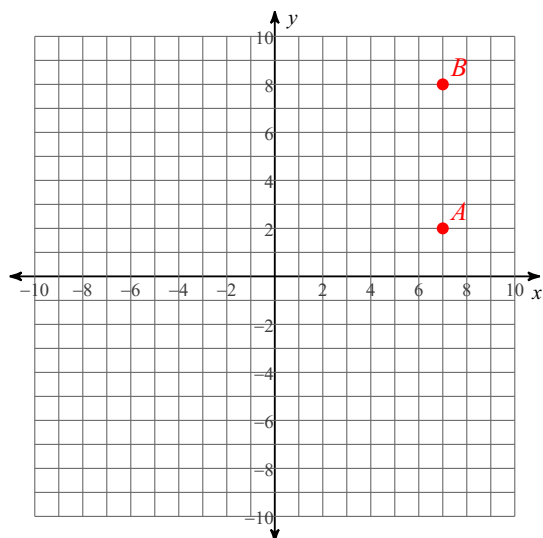
x coordinates
 $|-6| - |-2| = 4$ units

4)



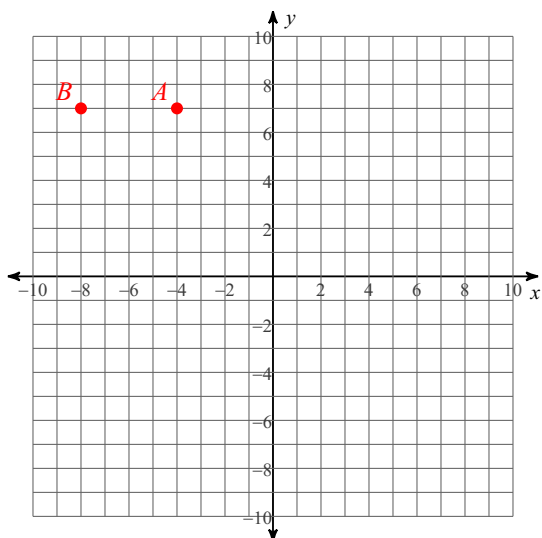
x coordinates
 $|-6| + 9 = 15$ units

5) $A(7, 2), B(7, 8)$



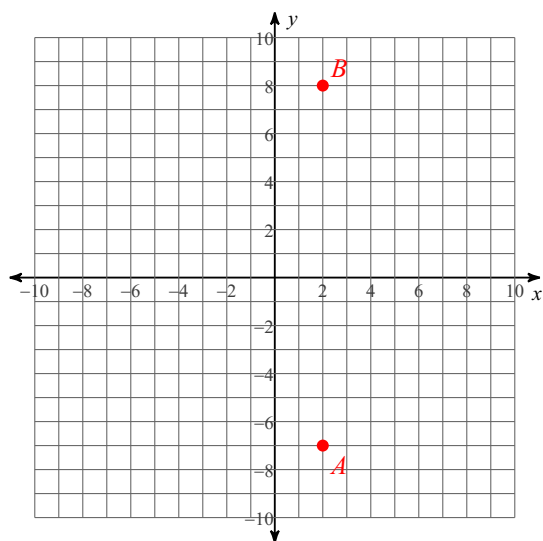
y coordinates
 $8 - 2 = 6$ units

6) $A(-4, 7), B(-8, 7)$



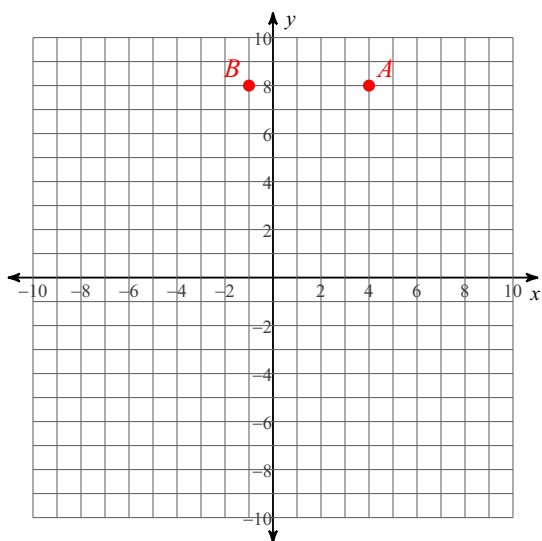
x coordinates
 $|-8| - |-4| = 4$ units

7) $A(2, -7), B(2, 8)$



y coordinates
 $|-7| + 8 = 15$ units

8) $A(4, 8), B(-1, 8)$



x coordinates
 $4 + |-1| = 5$ units