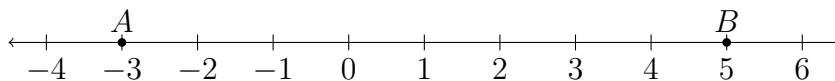
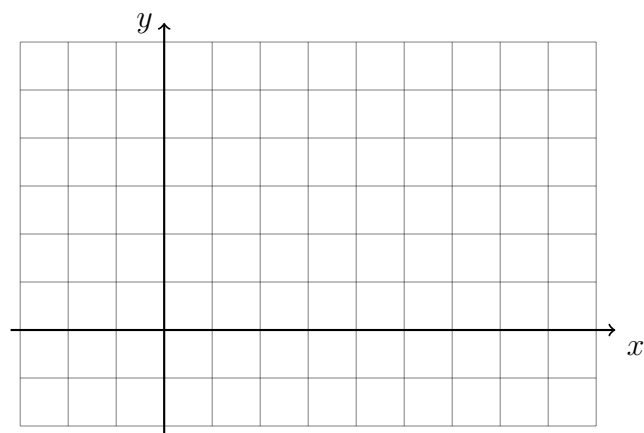


6-7CW-Midpoint-graphs

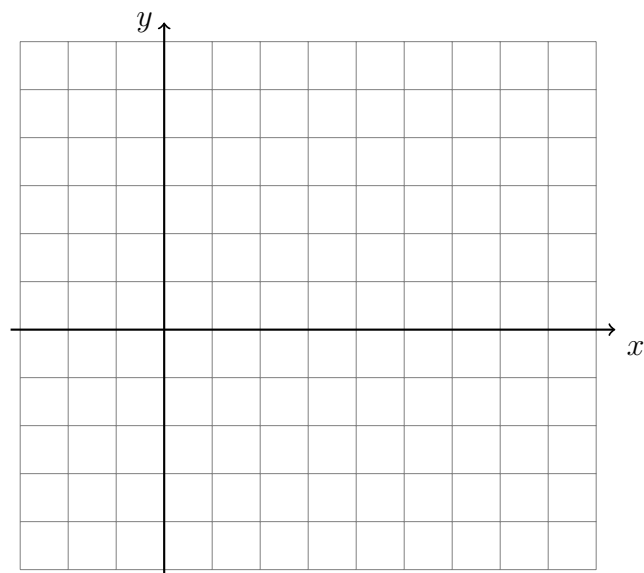
1. Given \overleftrightarrow{AB} as shown on the number line, with $A = -3$ and $B = 5$. Mark and label the midpoint M between A and B .



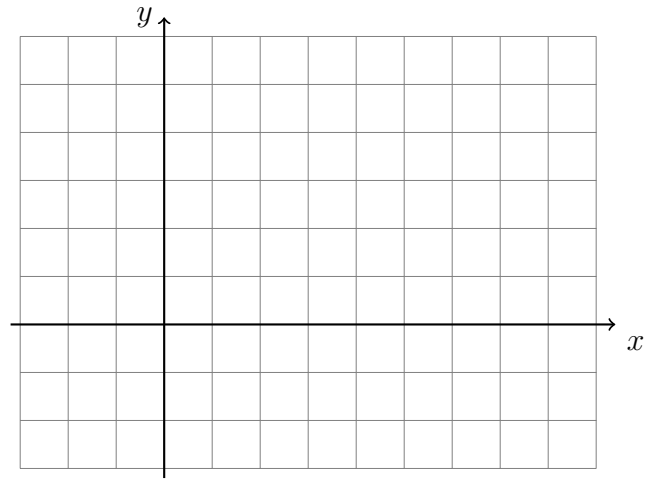
2. On the graph below, draw \overline{AB} , with $A(2, 3)$ and $B(8, 3)$, labeling the end points. Determine and state the coordinates of the midpoint M of \overline{AB} and mark and label it on the graph.



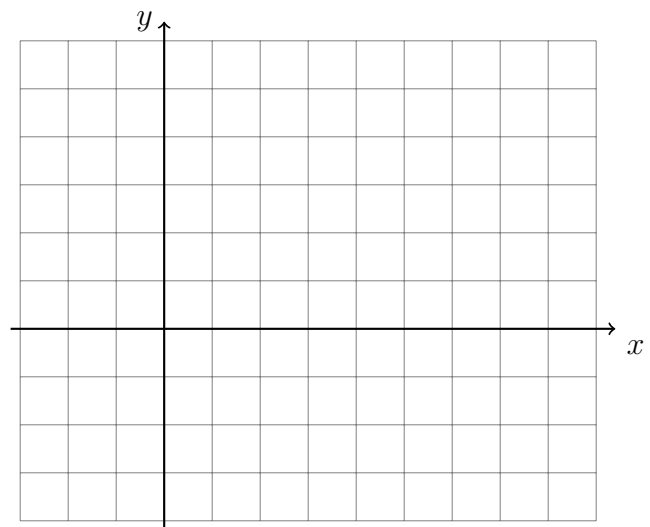
3. On the graph below, draw \overline{AB} , with $A(1, 2)$ and $B(7, 4)$, labeling the end points. Determine and state the coordinates of the midpoint M of \overline{AB} and mark and label it on the graph.



4. On the graph below, draw \overline{AB} , with $A(-1, 3)$ and $B(5, 1)$, labeling the end points. Determine and state the coordinates of the midpoint M of \overline{AB} and mark and label it on the graph.



5. On the graph below, draw \overline{AB} , with $A(3, -3)$ and $B(7, 5)$, labeling the end points. Determine and state the coordinates of the midpoint M of \overline{AB} and mark and label it on the graph.



6. Use the midpoint formula to find the midpoint of $A(4, 10)$, $B(12, 2)$.