

Lesson 1.4 Part 2: Midpoint

Name: _____

In 1 – 3 calculate the coordinates of the midpoint or the endpoint. Show all work!

1. \overline{PQ} with endpoints $P = (5, -2)$ and $Q = (2, -6)$

2. \overline{MN} with endpoints $M = (-2, -6)$ and $N = (2, 2)$

3. P is the midpoint of \overline{QR} . $R = (2, -4)$ and $P = (-1, 2)$. Calculate the coordinates of Q .

In 4 – 6 use the figure to the right.

4. $C = (5, 0)$, $A = (3, 0)$. Calculate the midpoint of \overline{CA} .

5. $C = (5, 0)$, $B = (5, -2)$. Calculate the midpoint of \overline{CB} .

6. $C = (5, 0)$, $F = (3, -2)$. Calculate the midpoint of \overline{CF} .

