Find the midpoint of the line segment with the given endpoints.

1) $(7, 4), (9, -1)$

2) $(8, -9), (0, 5)$

3) $(1, -7), (1, -12)$

4) $(0, 4), (-4, -12)$

5) $(-4, 2), (2, -3)$

6) $(5, 9), (-1, 9)$

7) $(-7, 8), (-2, -9)$

8) $(2, -11), (-9, 0)$

Given the midpoint and one endpoint of a line segment, find the other endpoint.

21) Endpoint: $(-9, -1)$, midpoint: $(8, 14)$

22) Endpoint: $(10, 12)$, midpoint: $(6, 9)$

23) Endpoint: $(-8, -10)$, midpoint: $(10, -7)$

24) Endpoint: $(-11, 9)$, midpoint: $(3, -11)$

25) Endpoint: $(-2, 7)$, midpoint: $(12, -10)$

26) Endpoint: $(11, 14)$, midpoint: $(10, 14)$