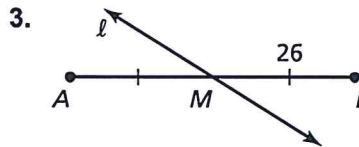
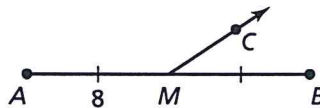


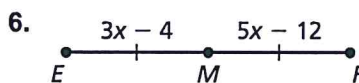
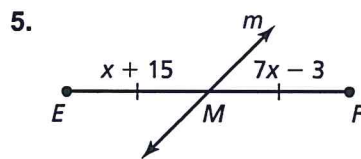
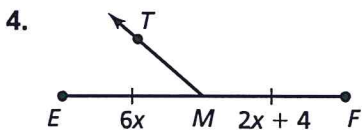
8.3 Notetaking with Vocabulary (continued)

Extra Practice

In Exercises 1–3, identify the segment bisector of \overline{AB} . Then find AB .



In Exercises 4–6, identify the segment bisector of \overline{EF} . Then find EF .



In Exercises 7–9, the endpoints of \overline{PQ} are given. Find the coordinates of the midpoint M .

7. $P(-4, 3)$ and $Q(0, 5)$

8. $P(-2, 7)$ and $Q(10, -3)$

9. $P(3, -15)$ and $Q(9, -3)$

In Exercises 10–12, the midpoint M and one endpoint of \overline{JK} are given. Find the coordinates of the other endpoint.

10. $J(7, 2)$ and $M(1, -2)$

11. $J(5, -2)$ and $M(0, -1)$

12. $J(2, 16)$ and $M(-\frac{9}{2}, 7)$