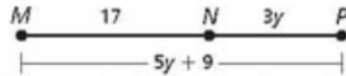3. Find AB

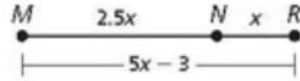6. B is between A and C, $AC = 15.8$, and $AB = 9.9$. Find BC.

7. Find MP.

8. **Travel** If a picnic area is located at the midpoint between Sacramento and Oakland, find the distance to the picnic area from the road sign.

9. **Multi-Step** K is the midpoint of $\overline{JL}$, $JL = 4x - 2$, and $JK = 7$. Find x, KL, and JL.

10. E bisects $\overline{DF}$, $DE = 2y$, and $EF = 8y - 3$. Find DE, EF, and DF.

15. Find *MN.*
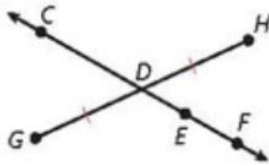
M   2.5x   N   x   R
├──────5x − 3──────┤

17. **Multi-Step** *E* is the midpoint of $\overline{DF}$, $DE = 2x + 4$, and $EF = 3x - 1$.
Find *DE, EF,* and *DF.*

21. Use the diagram below. If $\overline{CD} \cong \overline{DF}$, *E* bisects $\overline{DF}$, and $CD = 14.2$. Find *EF.*

25. True or False?   If *M* is between *A* and *B*, then *M* bisects $\overline{AB}$.
Draw a picture to support your answer.

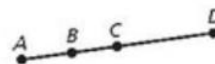37. *C* is the midpoint of $\overline{AD}$. *B* is the midpoint of $\overline{AC}$. $BC = 12$.
What is the length of $\overline{AD}$?

  Ⓕ 12   Ⓖ 24   Ⓗ 36   Ⓙ 48

39. *A, B, C, D,* and *E* are collinear points. $AE = 34$, $BD = 16$,
and $AB = BC = CD$. What is the length of $\overline{CE}$?

  Ⓕ 10   Ⓖ 16   Ⓗ 18   Ⓙ 24