

Name:

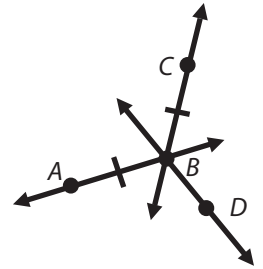
Math 1

Date:

Practice Quiz 6-A

1. In the diagram at right,  $AB = x + 8$  and  $BC = 4x - 1$ . Identify the following.

- a) a line that intersects  $\overline{AB}$
- b) the value of  $x$
- c) a line segment that intersects  $\overline{AB}$
- d) two rays that each intersect  $\overline{AB}$



2. Sketch the following. Use geometric notation as needed to show that your answers are correct.

- a)  $AB$  bisects  $\overline{CN}$ .
- b)  $E$  is the midpoint of  $\overline{FG}$ .

3. Use a formula to find each of the following for the points  $A(1, 5)$  and  $B(-3, 12)$ .

- a) the midpoint of  $\overline{AB}$
- b) the length of  $\overline{AB}$
- c) the point  $C$  such that  $A$  is the midpoint of  $\overline{BC}$

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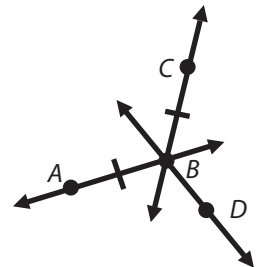
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