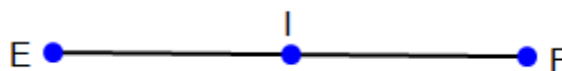


Name: _____

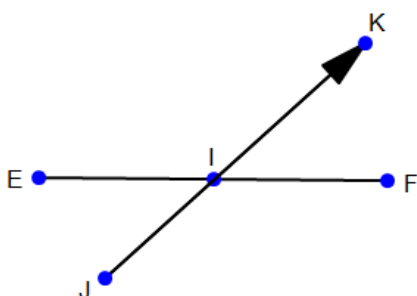
Congruent Segments

Write a congruence statement and an equation.

1) I is the midpoint of \overline{EF} .



2) \overline{JK} bisects \overline{EF} .



Find the coordinate of the midpoint M of AB whose endpoints have the given coordinates.

3) 4 and 7

4) -5 and 9

5) 0 and 13

6) 5 and 12

7) 3.2 and 7.6

8) -3.4 and -1.2

9) $\frac{1}{2}$ and $\frac{3}{4}$

10) $3\frac{1}{2}$ and $5\frac{1}{2}$

11) $-2\frac{1}{2}$ and 7

Find the coordinate of the missing endpoint of \overline{AB} given that M is the midpoint \overline{AB}

12) A: 5 and M: 7

13) M: 5 and B: -2.5

14) A: -5.5 and M: 0

