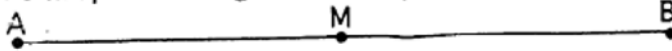


Midpoint



p. 1.21

DEFINITION: The midpoint of segment AB is point M where $AM = MB$



1. Describe how to find the midpoint of a piece of string.
2. Find the midpoint of a line segment XY by paper folding.

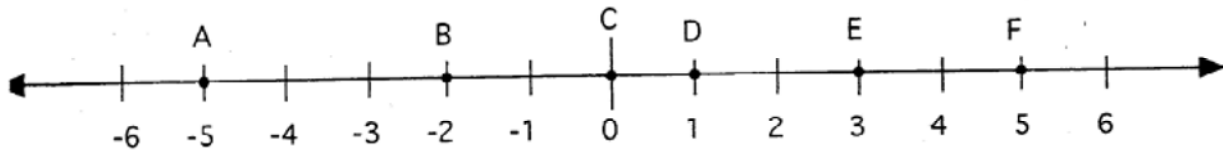


3. Find the midpoints of the following segments by measuring.

a) _____

b) _____

4. Find the coordinates of the midpoints of the following segments.



a) \overline{AF}

c) \overline{AC}

e) \overline{AE}

b) \overline{BC}

d) \overline{CF}

f) \overline{BE}

5. Using the number line above, complete the following.

a. If D is the midpoint of \overline{AM} , then the coordinate of M is _____

b. If A is the midpoint of \overline{CQ} , then the coordinate of Q is _____