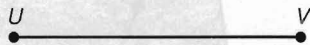


Practice B

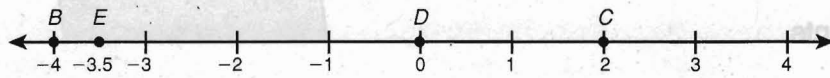
Measuring and Constructing Segments

Draw your answer in the space provided.

1. Use a compass and straightedge to construct \overline{XY} congruent to \overline{UV} .



Find the coordinate of each point.



2. D _____

3. C _____

4. E _____

Find each length.

5. BE _____

6. DB _____

7. EC _____

For Exercises 8–11, H is between I and J .

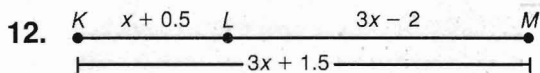
8. $HI = 3.9$ and $HJ = 6.2$. Find IJ . _____

9. $JI = 25$ and $IH = 13$. Find HJ . _____

10. H is the midpoint of \overline{IJ} , and $IH = 0.75$. Find HJ . _____

11. H is the midpoint of \overline{IJ} , and $IJ = 9.4$. Find IH . _____

Find the measurements.



Find LM . _____

13. A pole-vaulter uses a 15-foot-long pole. She grips the pole so that the segment below her left hand is twice the length of the segment above her left hand. Her right hand grips the pole 1.5 feet above her left hand. How far up the pole is her right hand?