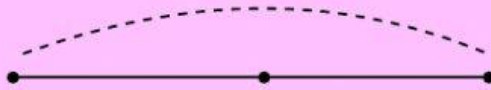


## Line Segments Quiz

Directions: Label each line segment with the given information. Solve for the missing length.

Point  $C$  is on line segment  $\overline{BD}$ . Given  $CD = 4$  and  $BC = 13$ , determine the length of  $\overline{BD}$



$$BC + CD = BD$$

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

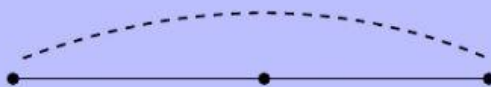
Point  $I$  is on line segment  $\overline{HJ}$ . Given  $HJ = 15$  and  $IJ = 10$ , determine the length of  $\overline{HI}$



$$HI + IJ = HJ$$

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

Point  $E$  is on line segment  $\overline{DF}$ . Given  $DE = 12$  and  $EF = 6$ , determine the length of  $\overline{DF}$



$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$