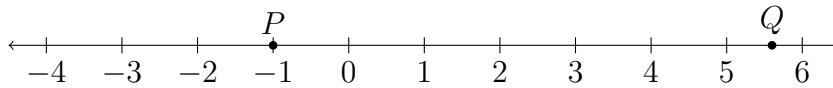
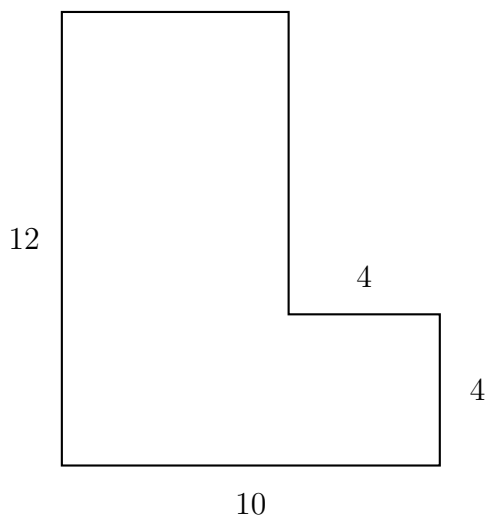


**2-6DN-Distance+Perimeter.tex**

1. Given  $\overleftrightarrow{PQ}$  as shown on the number line, with  $P = -1$  and  $Q = 5.6$ .



- (a) What is the exact distance on the number line between the points  $P$  and  $Q$ ?
- (b) Point  $R$  is the midpoint of  $\overline{PQ}$ . Find  $R$ 's value. Mark it as a dot and label it on the number line  $\overleftrightarrow{PQ}$ .
2. Find the perimeter of the shape shown below, given the side lengths marked (not drawn to scale). All angles are  $90^\circ$ . Completely mark the diagram with the two missing lengths and show an equation for  $P$  as a sum of each side's length.

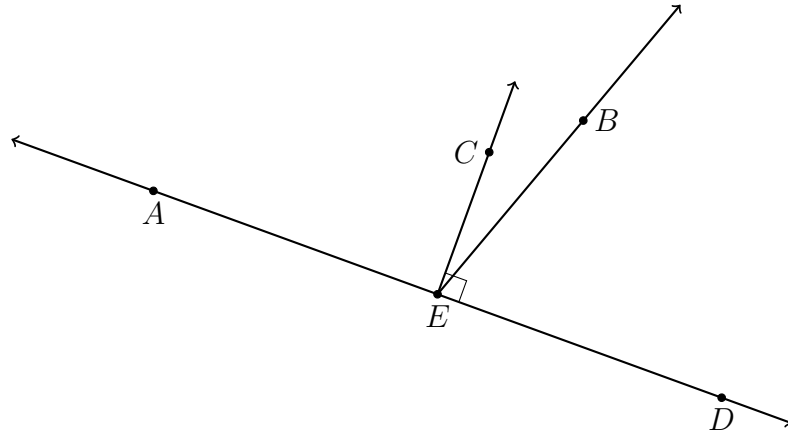


3. Given the diagram shown below.

(a) Measure the angle  $AEB$ .  $m\angle AEB =$  \_\_\_\_\_

(b) Name an angle that is complementary to  $\angle CEB$ : \_\_\_\_\_

(c) Name a pair of opposite rays: \_\_\_\_\_



4. Construction a line perpendicular to  $\overleftrightarrow{AB}$  through the point  $P$ .

