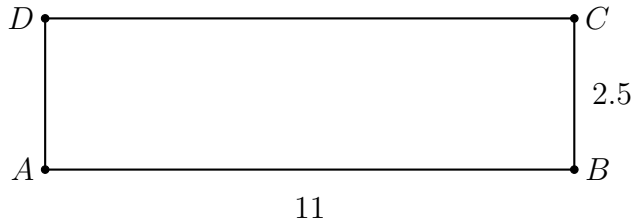
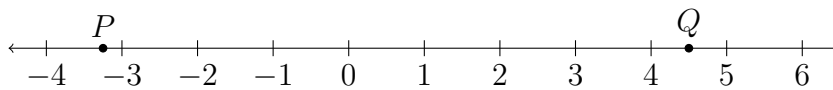


2.5 Homework: Perimeter, complementary, & supplementary angles

1. Given the rectangle $ABCD$ shown below, with $AB = 11$ and $BC = 2.5$. Find the perimeter of the rectangle.



2. Given \overleftrightarrow{PQ} as shown on the number line, with $P = -3.25$ and $Q = 4.5$.

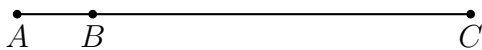


What is the exact distance on the number line between the points P and Q ?

3. Given two complementary angles, $\angle A$ and $\angle B$, with $m\angle A = 43^\circ$. Find the measure of $\angle B$.
4. Angles P and Q are supplementary. $m\angle P = 23^\circ$. Find $m\angle Q$.

5. Given \overline{ABC} , $AB = 27$, and $AC = 161$.

Find BC .



The postulate used in this problem is the _____.

6. Given the diagram shown below.

- (a) Measure the angle BED . $m\angle BED =$ _____
- (b) Name an angle that is supplementary to $\angle AEB$: _____
- (c) Name an angle that is complementary to $\angle BEC$: _____

