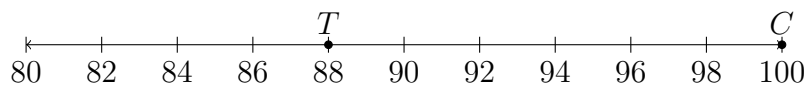


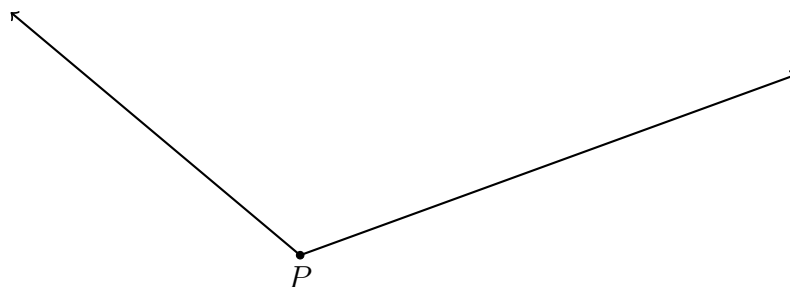
2-3DN-Midpoint+rectangles

1. Given \overleftrightarrow{TC} as shown on the number line.



What is the midpoint between the points T and C ?

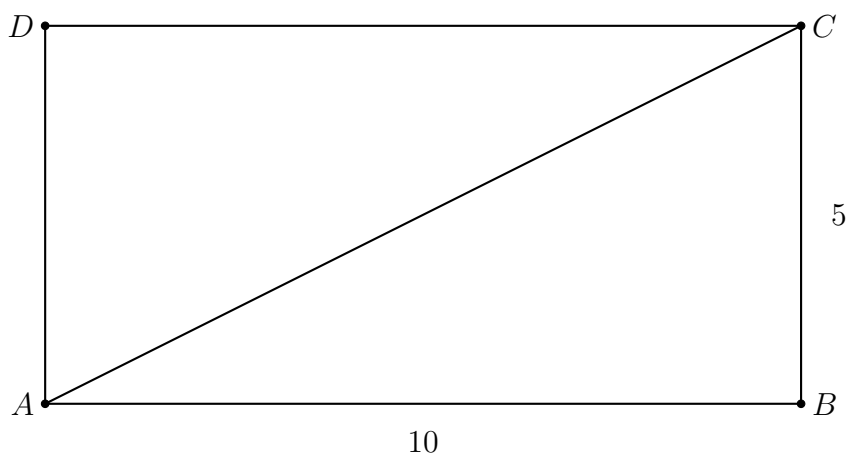
2. Find the measure of $\angle P$ in degrees?



3. Given \overline{AMB} , M bisects \overline{AB} , $AM = 3x - 10$, $BM = x + 4$. Find AB .
Complete all the steps for full credit.
- Sketch and label the situation
 - Write an equation
 - Solve for x
 - Answer the question
 - Check your solution

4. Draw a rectangle that is 9 centimeters long horizontally and 4 centimeters tall vertically. (use a square to ensure the sides are perpendicular)

5. Given the rectangle $ABCD$ shown below, with $AB = 10$ and $BC = 5$. The diagonal \overline{AC} is drawn to create two triangles. Find the area of the lower triangle, $\triangle ABC$.



6. The line segment \overline{MN} is trisected by the points K and L . Given that $MN = 15$. Find KL . (draw a picture)