Grade 9th. Geometry. Quiz #2
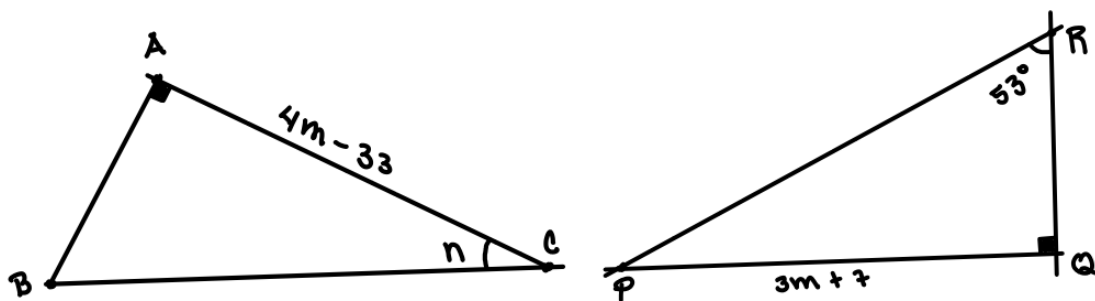
Name: _____.

1 Exercises

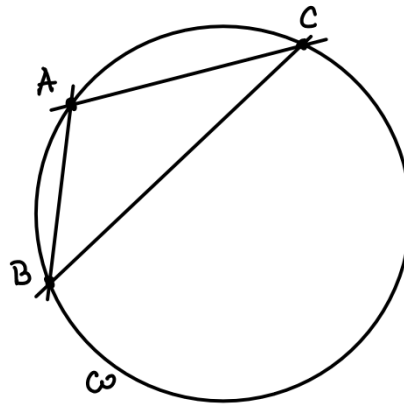**Exercise 1.1.** Find the values of m and n if $\Delta ABC \cong \Delta QRP$ by $LA \cong$

Exercise 1.2. Explain textually what a perpendicular bisector is. Then, make two drawings; one where a perpendicular bisector is shown and another where it is not.
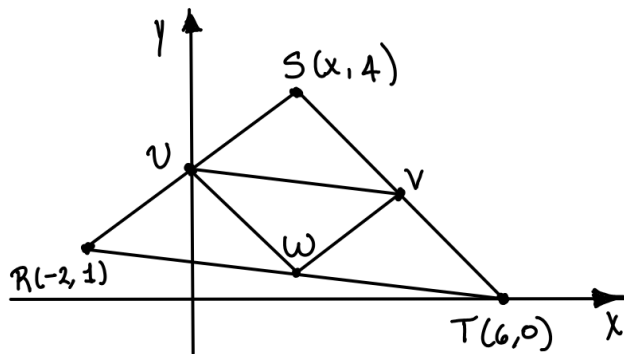
Exercise 1.3. Find the orthocenter of $\triangle ABC$ in the following figure. Then, explain what relationship exists between the circumference ω and the orthocenter of $\triangle ABC$.

Exercise 1.4. Find each of the following if U, V and W are the midpoints of $\overline{RS}$, $\overline{ST}$ and $\overline{TR}$.

a. $\angle SUV$

b. $\angle UVW$

c. $\overline{RS}$

d. $\overline{UV}$

e. the coordinate of W

f. the x-coordinate of S

g. the coordinate of V

Date: monday, may 6th, 2024