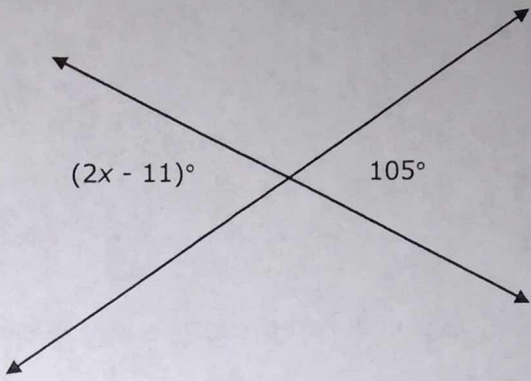


HW

Independent Practice

1) Write and solve an equation to find the value of x and the measure of each angle labeled.

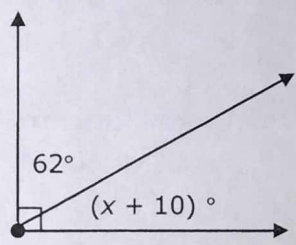
Work Space:



$x =$ _____

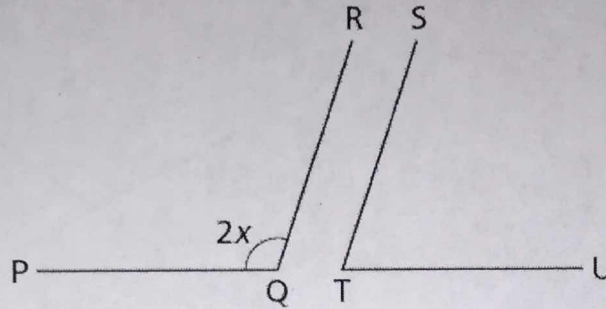
2) Find the value of x . Then find the measure of the unknown angle.

Equation: _____



$x =$ _____ Unknown angle = _____

3) The angles shown below are supplementary. The measure of $\angle PQR$ is $2x$.



What expression represents the measure of $\angle STU$?

- A $90 - 2x$
- B $90 + 2x$
- C $180 + 2x$
- D $180 - 2x$

★ 4) $\angle D$ and $\angle G$ are supplementary angles. The measure of $\angle D$ is 4 times the measure of $\angle G$. What is the degree measure of $\angle D$?

5) Solve for x . Then explain how you found the value of x .

