



Problem of the Week

Problem D

Cutting the Corner

Rectangle $STUV$ has P on ST , R on SV , and Q inside the rectangle such that $PQRS$ is a square. When square $PQRS$ is removed from rectangle $STUV$, the remaining shape has an area of 92 m^2 .

If $PT = 4 \text{ m}$ and $RV = 8 \text{ m}$, what is the area of rectangle $STUV$?

