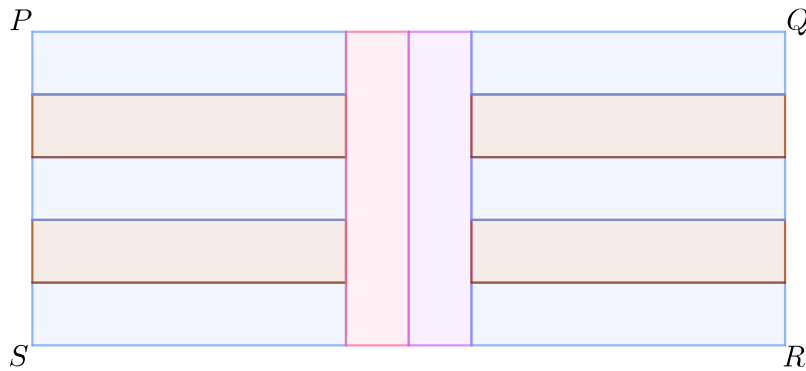# Problem of the Week
Problem C
A Perfect Dozen

Twelve identical rectangles are arranged as shown in the diagram to form a large rectangle $PQRS$.

If the area of rectangle $PQRS$ is 540 cm^2, determine the dimensions of the smaller rectangles.