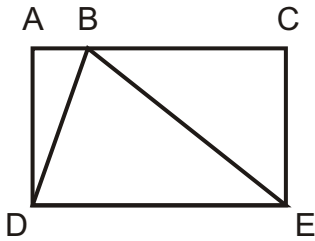


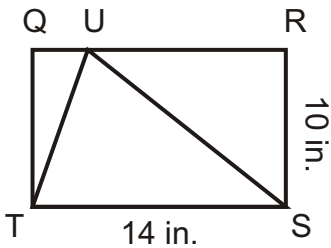
# TRIANGLE AREA (Half Of A Rectangle)



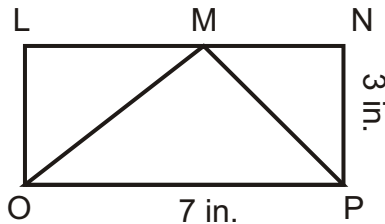
The area of a triangle is exactly half the area of a rectangle when two of the three triangle corners share corners with two of the rectangle corners. If  $\triangle DBE$  is  $20 \text{ in.}^2$ , the area of rectangle  $ACED$  must be  $40 \text{ in.}^2$ . The triangle is always half of the rectangle and the rectangle area is always double the triangle's.

Read each problem and solve. Show your work!

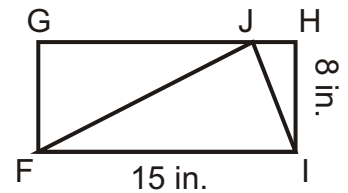
1) What is the area of  $\triangle TUS$ ?



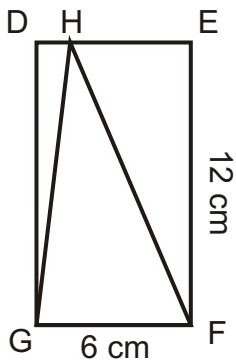
2) What is the area of rectangle  $OLNP$ ?



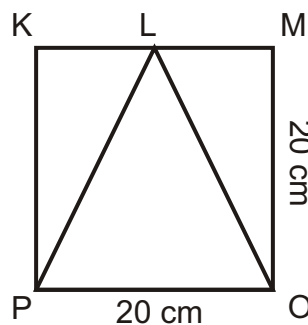
3) What is the area of  $\triangle FJI$ ?



4) What is the area of rectangle  $DEFG$ ?



5) What is the area of  $\triangle PLO$ ?



6) What is the area of rectangle  $ABCD$ ?

