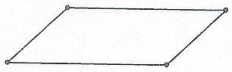
Section 11.1: Areas of Parallelograms

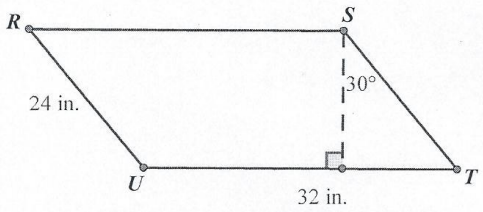


Formulas we know so far:

Discovering the Formula for the Area of a Parallelogram: *(Copy what you see from the applet!)*

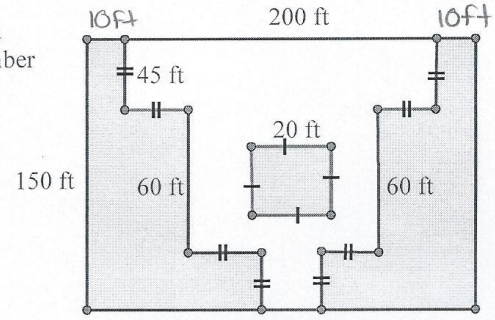
Conclusion:

Find the area and perimeter of parallelogram RSTU.



Use Area to Solve a Real World Problem:

Metamora Courthouse is planning to sod some parts of the property. Find the number of square yards of grass needed.



And everyone's favorite...

The vertices of a quadrilateral are at A(-2, 3), B(4, 1), C(3, -2), D (-3, 0)

a. Determine whether the quadrilateral is a square, a rectangle, or a parallelogram.

b. Find the area of quadrilateral ABCD.