

4.1 Area of Parallelograms Notes

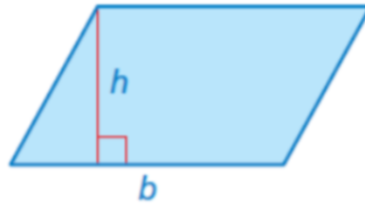
A _____ is a closed figure in a plan that is made up of three or more line segments that intersect only at their endpoints.

The _____ of a polygon is the amount of surface it covers.

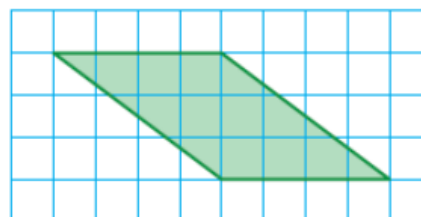
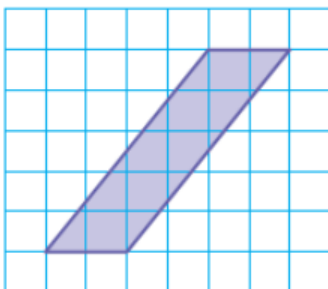
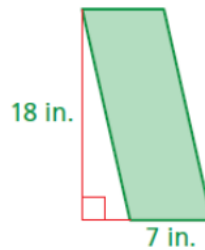
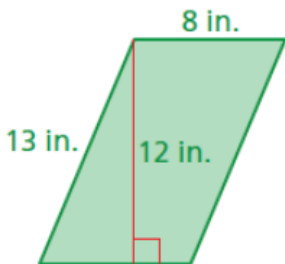
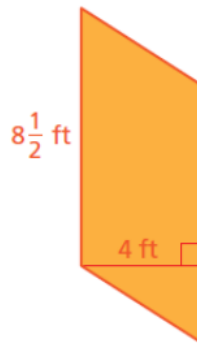
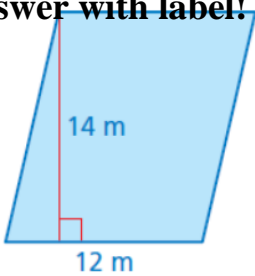
A **parallelogram** has _____ sides and it's opposite sides are _____.

Area of a Parallelogram:

Area = _____ x _____

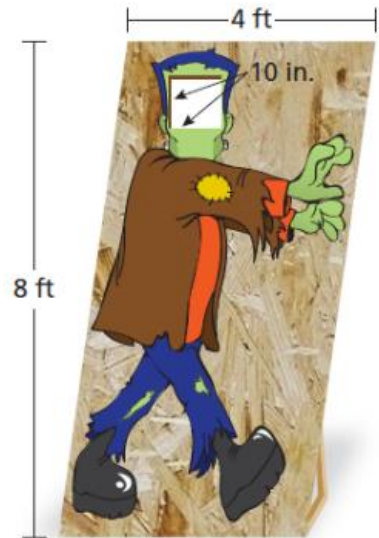


Find the area of each parallelogram. Be sure to show your formula, substitution, & answer with label!



Name: _____ Hour: _____

You make a photo prop for a school fair. You cut a 10-inch square out of a parallelogram-shaped piece of wood. What is the area of the photo prop?



Find the area of the shaded region. **Be sure to show your formulas, substitution, & answer with label!**

