

## 4.1 Finding the Area of Parallelograms

1. Cut out the shapes.
2. Record their shape, dimensions, and the area in  $units^2$ .
3. Cut along the solid black line and then change the shape into a different parallelogram. (Glue down each shape before starting the next shape)
4. Record the new shape, dimensions, and area in  $units^2$ .

### Quadrilateral Area Record

NAME	ORIGINAL SHAPE	DIMENSIONS	AREA	NEW SHAPE	DIMENSIONS	AREA
A	rec	9.3	$27u^2$	Parallel	9.3	$27u^2$
B	Square	4.4	$16u^2$	Parallel	4.4	$16u^2$
C	rec	12.7	$84u^2$	Parallel	12.7	$84u^2$
D	Parallel ogram	5.4	$20u^2$	rec	5.4	$20u^2$
E	Parallel ogram	8.6	$48u^2$	rec	8.6	$48u^2$

# Area of rectangles, squares, parallelograms

$$A = b \cdot h$$

1- Do not use slant height

2- Look for the right angle 

