



Rectangle Dissections

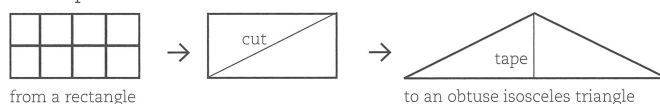
Strands:

Number & Operations	
Algebra	
Measurement	
Geometry	X
Data & Probability	

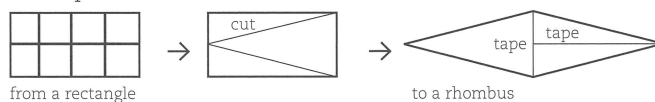
Cut apart a rectangle in different ways to see how many shapes you can make.

Starting with a 2 x 4 rectangle, you can cut and tape it to make lots of different geometric shapes. For example, the following illustrations show how to make an obtuse isosceles triangle and a rhombus:

Example A



Example B



Materials:

- Scissor
- Tape
- 2x4 rectangles (see next page)

Now figure out how to cut and tape a 2x4 rectangle to make each of the following shapes:

1. A right scalene triangle
2. An acute isosceles triangle
3. A square
4. A right isosceles triangle
5. A parallelogram
6. An isosceles trapezoid
7. A right trapezoid
8. A rectangle
9. A hexagon

Where?

Outside	
Inside	X
On-line	
On-site	

