

**Learning Goal** (This unit we will.....)

- Solve problems involving the measurements of two-dimensional shapes
- Determine through investigation the optimal value of various measurements.

**Success Criteria** (I can.....)

- solve problems involving the areas and perimeters of composite two-dimensional shapes
- determine maximum area of a rectangle given fixed perimeter (for a 3- and 4-sided rectangle).
- determine minimum perimeter of a rectangle given fixed area (for a 3- and 4-sided rectangle).

Day	Topic		Practice Questions	Done ✓
1	Pythagorean Theorem		Pg. 423 # 1ac, 2ac, 3, 4ac, 5 – 8	
2	Perimeter and area of Composite Figures	8.2	Pgs. 432-435 #1abc,2cdef,3,10,12,14,15,17, 18 Extra Practice: worksheet	
3	Perimeter and Area Relationships of Rectangles (4-sided)	9.2	Pg 487 #1-3, 5 Pg 470 #1, 2, 3, 4 Pg 472 #2, 5	
4	Perimeter and Area Relationships of Rectangles (3-sided)	9.2	Pg 487 # 6-8, 11, 12 Pg 516 #3, 4, 5 Pg. 518 #1, 5	
5	Review <b>QUEST</b>			