

Unit 5 TEST – not limited to but focus on...

Things you should know:

- ▲ How to simplify radicals
- ▲ Vocabulary
  - \*angles formed by lines cut by a transversal
    - alternate interior – alternate exterior – same side interior – corresponding
  - \*median, altitude, bisector, perpendicular bisector
  - \*quadrilateral, trapezoid, isosceles trapezoid, parallelogram, rhombus, rectangle, square, kite
- ▲ How to apply the Pythagorean Theorem
- ▲ Distance, midpoint and slope formulas
- ▲ How to identify a shape using a coordinate geometry proof (structure!)
- ▲ How to find measures of angles in a variety of figures
- ▲ Properties of special types of quadrilaterals (use your quadrilateral organizer)
- ▲ How to find equations of lines that satisfy given conditions
- ▲ How to use a two column proof involving quadrilaterals and parallel lines
- ▲ The relationship between the angles formed by two parallel lines cut by a transversal
- ▲ Find the coordinates of a missing vertex of a special quadrilateral.

Remember that shakes and nods for verifying one formula come free for every student.

In the event that you forget a formula, you may “purchase” it for three points.