Review Drawing Assignment

Please do not write on this paper.

On a piece of white paper, create a drawing with a ruler and colored pencils that includes all of the figures, angles, and arrangements listed below. Label each item clearly. Use colored pencils to help highlight different parts. Neatness and accuracy count, so take your time.

Required elements:

1. A pair of vertical angles.
2. A pair of complementary angles.
3. A pair of supplementary angles.
4. An obtuse triangle with an altitude showing, and the area calculated in centimeters (show setup, work, and answer.)
5. An acute angle.
6. A right triangle, with the right angle properly marked.
7. An isosceles triangle, with the congruent sides marked.
8. An equilateral triangle, with all three sides marked congruent.
9. Two parallel lines cut by a transversal with one of the following highlighted: alternate interior angles, corresponding angles, alternate exterior angles, or consecutive interior angles.
10. A convex polygon with more than 5 sides, with sum of interior angles note (Use $(n-2)\cdot 180$ to find the sum of the interior angles, show your work.)
11. A parallelogram.
12. A circle drawn with a circle drawing tool. Measure the radius and find the area and circumference using centimeters.
13. An angle with an angle bisector drawn in a different color.
14. A rhombus with its four congruent sides labeled.
15. A reflection of a triangle or other polygon with a line of reflection drawn.

Important notes:

- Use pencil and colored pencil, not ink and pen, and use a ruler.
- Items may touch each other or combine to make interesting figures. Just make sure that each can be found easily.
- Label each item.
- Use white paper, not binder or graph paper.

Full credit will be given to drawings with all of the above elements, with at least three colors used to help differentiate parts. Extra credit will be given for creativity, color, and design effort.