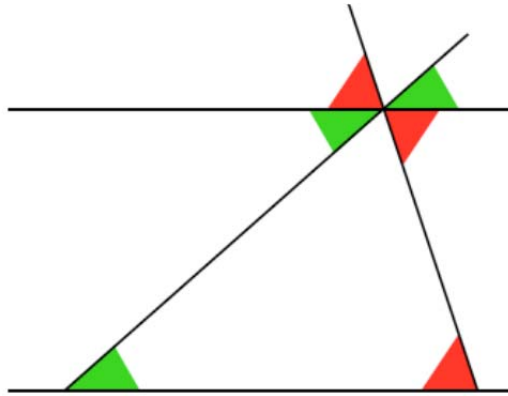
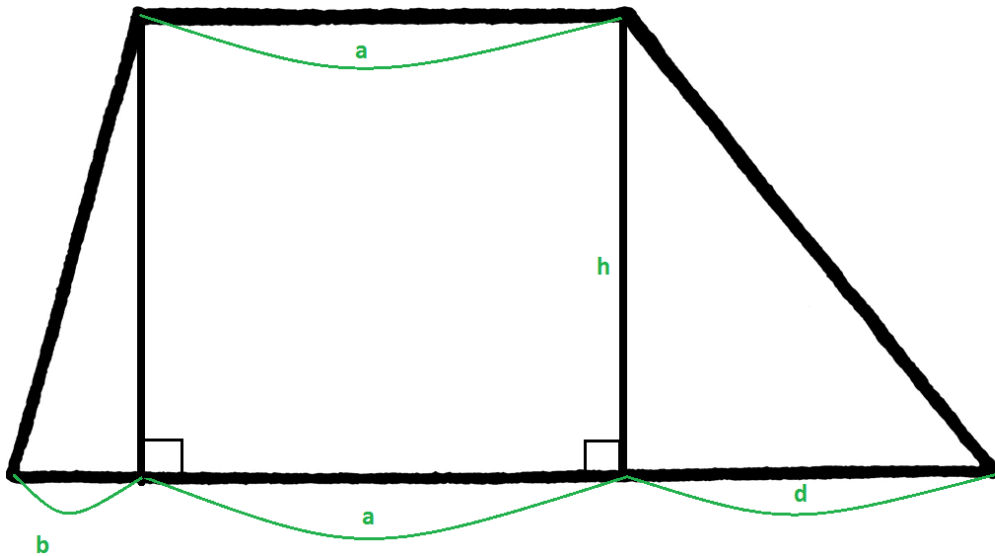


**HOMEWORK 15,**  
**February, 11 2018**

1. Complete Math Kangaroo given in class. If you lost it, please email me. I can't post it.
2. Using a ruler draw a picture similar to the one below, name the angles and prove that sum of the angles in a triangle is  $180^\circ$ .



3. Find the area of the trapezoid, based on your knowledge of the area of a triangle. It will help if you make some extra constructions. Draw your solution in your homework, not on this page.



4. Using a compass and a ruler (with washed away dials) construct a triangle with sides below.

