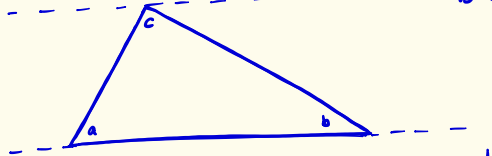
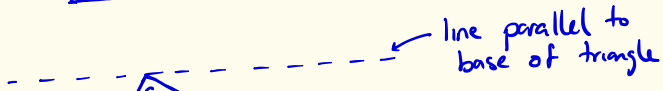
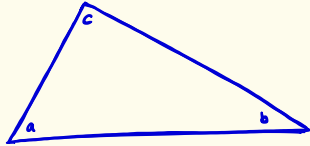
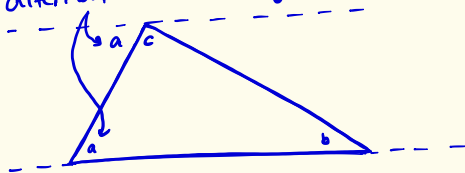


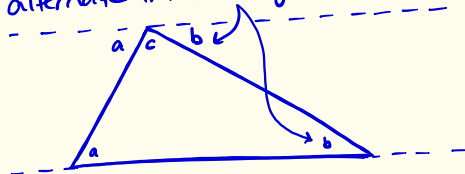
Consider the triangle and the claim:
angles of a triangle sum to 180°



alternate interior angles are equal

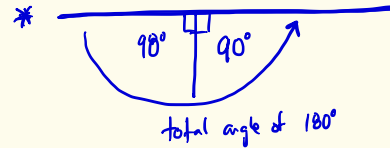


alternate interior angles are equal



By picture $a+b+c = 180^\circ$ (* below)

So the angles inside a triangle
 add to 180° . ✓



on paper

- draw a triangle (label corners)
- cut (or tear) corners
- align corners to form straight edge
- what happens for other shapes?

