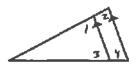
G-SRT.3. Learning Target: I can establish the AA criterion by looking at multiple examples using similarity transformation of triangles.

6. Given each of the diagrams below, explain how the two triangles shown are similar by AA-.

(a)

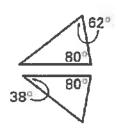
COPULEIPHUD CONGRUENT.

(b)



LIFLY BECAUSE THEY ARE CORDESPONDING ANGLES (2 PARALLEL UNE) CUT BY A TRANSCUERIAL) THERE ARE 2 PAIR OF CORNERDINANCE ANGLES WHICH ARE CONCRUENT.

(c)

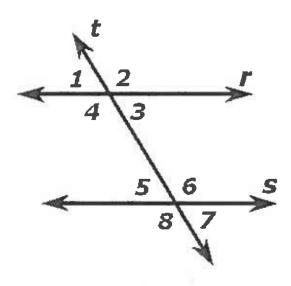


THE THIRD LIN THE TOP THANGLE THE THIRD LIN THE BOTTOM THANCLE IS 62° NOW THERE ARE ZPAIN UF COTREIPONDING AHELE CONGRUENT.

Bonus Review to help you be successful...

#1 - Given that line r is parallel to line s, identify a pair of each of the following:

- alternate interior angles 43 = 45, 44 = 44
- alternate exterior angles ∠1 = ∠7 ∠2 = ∠8



#2 – The angles of a triangle all add to equal  $180^{\circ}$ .

#3 - Draw a picture (with numbers) to correctly illustrate each of the following:

