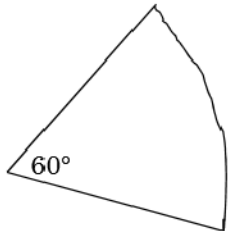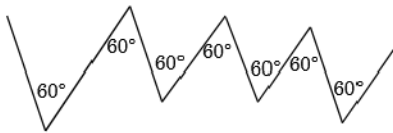When are lines going to be parallel? · "Saws and Ladders"

1. The following is a 60° angle cut from a piece of cardboard.
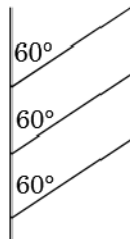
60°

2. We then used the cut-out angle to draw the teeth of a "saw", as pictured below.

60° 60° 60° 60° 60° 60° 60°

a. What kind of angles were used to make the "saw"? _____

b. So if _____ angles are equal, then the lines are parallel.

3. Next, we used the cut-out angle to draw the rungs of a "ladder", as pictured below.

60°

60°

60°

a. What kind of angles were used to make the "ladder"? _____

b. So if _____ angles are equal, then the lines are parallel.