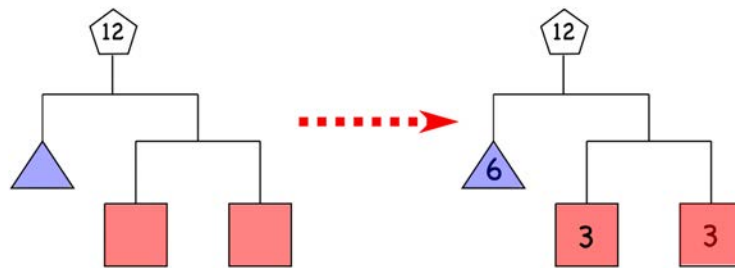


# Puzzle of the Week

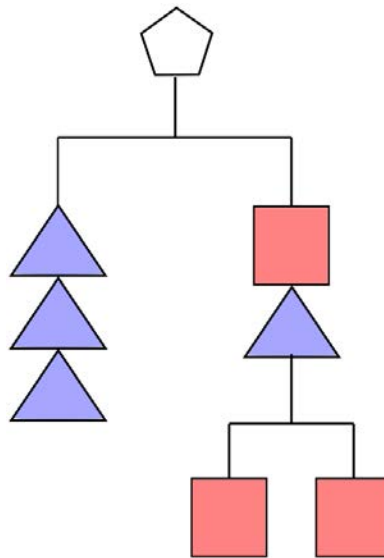
## *Balance Beam – 1*

To balance, weights must be the same on opposite sides of a horizontal balance beam. The total weight is given above the balance beam.

In a given puzzle, figures of the same shape must have the same weight. However, it is allowed for different shapes to have the same weight.



**THE CHALLENGE:** The squares each have weight 2. Find the weight of each of the triangles and the total weight of all the figures.



**EXPLORATION:** Create balance beams for others to solve. Make sure there is enough information that they can be figured out.