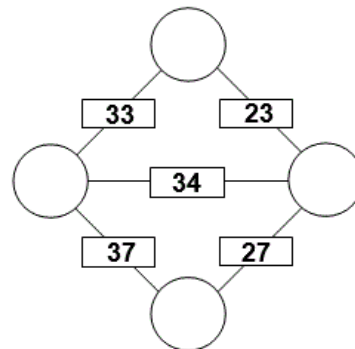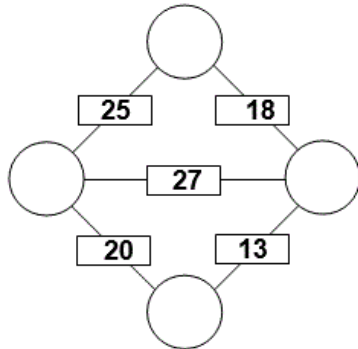# MARCH '23 Logic Challenges

1. Ann and Dee are sisters. Ann is 4 years old and Dee is 13 years old. What ages will each be when Dee is twice as old as Ann?

2. In the following two Arithmagon polygons, the number in each box is the sum of the numbers in the circles on each side of it. Find the missing numbers.

3. Each row, column & diagonal is an equation and you use the numbers 1 to 9 to complete the equations. Each number can be used only once. 'Two' numbers have been provided to get you started. Find the remaining seven numbers that satisfies all the resulting equations. Note: multiplication (x) & division (/) are performed before addition (+) and subtraction (-).