## Pattern Puzzles

## Assignment

## Find the patterns and fill in the missing value

1 By looking at the circles, you can see a pattern that is same in all four circles? Based on this pattern what is the value of missing numbers?


2 Place the numbers $5,6,8,10$ and 12 in the empty circles below, so the sum of each side of the triangle is $\mathbf{3 6}$. (Each number can only be used once)


3 Below is a pyramid of numbers. Determine the pattern and fill in the empty bricks

298


