Tutorial: week 2 on Algorithm & Flowchart

For each of the problem below
(a) write an algorithm
(b) draw the corresponding flowchart

1. Find the average of two numbers.
2. Find the area of a rectangle
3. Find the difference and the division of two numbers and display the result
4. Find the area and circumference of a circle
5. To show the traffic light processing
6. Adding the test scores as given : 26, 49, 98, 87, 62, 75
7. Calculate the sum of all the even numbers between 1 and 20 inclusive.
8. To read all the vowels in a book and to display a count of vowels on each page and finally a total of the number of vowels in the book.
9. To read the marks of 10 students for the English Subject and display whether they have passed (>40) or fail.
10. Extend problem 8 now so that it displays the frequency of occurrences of each of the vowels showing also the vowels with the highest frequency.