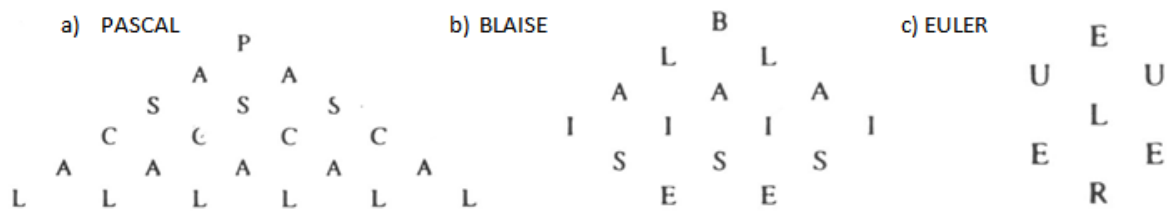




# HOMEWORK

## p.377 # C1, C2, 1-4, 8-12, 17

2. In the arrangement of the letters given, how many different paths will spell each of the following names?



10. Evaluate the following:

a)  $\binom{8}{6}$       b)  $\binom{5}{5}$       c)  $\binom{4}{0}$

11. Find the number in Pascal's Triangle given the following information about the row and position:

- a) Row 12, Position 9
- b) Row 1, Position 0
- c) 3rd Row, 2<sup>nd</sup> Position
- d) Ninth Row, Ninth Position

### Answers

2. a) 32      b) 20      c) 4
10. a) 28      b) 1      c) 1
11. a) 220      b) 1      c) 2      d) 1