## Solving correspondence problems

Mathematics

Miss Brinkworth

## Part A

1) Robin Hood has 3 different hats (red, yellow and blue) and 4 different tops (brown, black, white and grey) How many different outfits can he make?
Use this table if you want

| Hat | Top | $\frac{\text { Combination }}{\text { number }}$ |
| :---: | :---: | :---: |
|  |  |  |
|  |  |  |
|  |  |  |

## Part B

1) Can you find any patterns?
2) Can you find the number of combinations here?

| Number of hats | Number of tops | Number of <br> combinations |
| :--- | :--- | :--- |
| 3 | 4 |  |
| 4 | 4 |  |
| 5 | 4 |  |

