Methods Investigation 1 Notes – Year 11 2023

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**Rotors:**

* xPy
  + x = number of rotors in set
  + y = number of rotors used

**Rotor Arrangement:**

* (m)y
  + m is the number of usable sockets

**Rotor encryption settings example:**

* Rotor arrangement (xPy) \* Rotor configurement (26y)

**Total encryption settings:**

* Rotor encryption (from above) \* Number of pairs (see below) \* Choice of sockets (mCn)
  + n is the number of sockets used

**Formula for wire pair configurations:**

* n = Number of sockets (26)
* Graphical user interface, text, application, email

  Description automatically generatedGraphical user interface, text, application, email

  Description automatically generatedr = Number of wires

