**Linear Laws**

“Suitable manipulation of variables enables you to manipulate many equations into straight line graphs of the form ”

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Original Equation | Rearrange To | X Variable | Y Variable | Gradient |
|  |  |  |  |  |
|  |  |  |  | 2 |
|  |  |  |  |  |
|  | (none required) |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Process for completing linear laws questions:

1. Rearrange into format
2. Add data rows for and as necessary
3. Plot against
4. Gradient is value
5. intercept is value