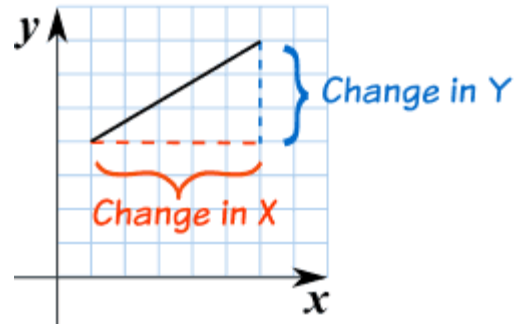


Mother Shipton's Cave gradient help sheet

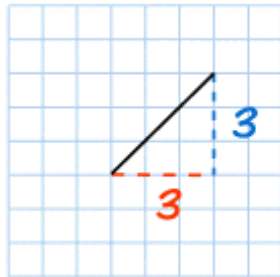
The method to calculate the Gradient is:

(Divide the **change in height** by the **change in horizontal distance**)

$$\text{Gradient} = \frac{\text{Change in Y}}{\text{Change in X}}$$

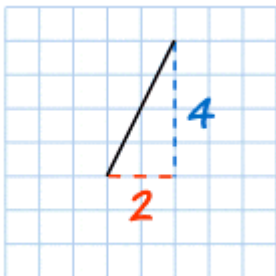


Examples:



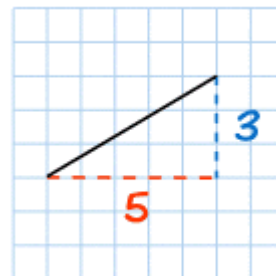
The Gradient of this line = $\frac{3}{3} = 1$

So the Gradient is equal to 1



Gradient = $\frac{4}{2} = 2$

The line is steeper, and so the gradient is larger



Gradient = $\frac{3}{5} = 0.6$

The line is less steep, and so the gradient is smaller