**Task One**

Find the equation of four lines that when plotted create a square. Plot your four lines on some axes and label each line clearly with its equation.

Repeat this for:

* A different square
* A rectangle
* A different rectangle
* A right-angled triangle

**Task Two**

Find the equation of four lines that when plotted create a square, **but** this time choose four lines that are not parallel to the axes. (Hint: what do the graphs of y = x and y = -x look like?)

Plot your four lines on some axes and label each line clearly with its equation.

Repeat this for:

* A different square
* A rectangle

**Task Three**

Find the equation of eight lines that will create an octagon.

What other polygons can ***you*** create?

