

### CALCULATIONS

(all measures must be in inches)

A = wall height

B = wall width

C = moulding width

D = desired number of rows

E = box height

F = desired number of columns

G = box width

### FORMULAS

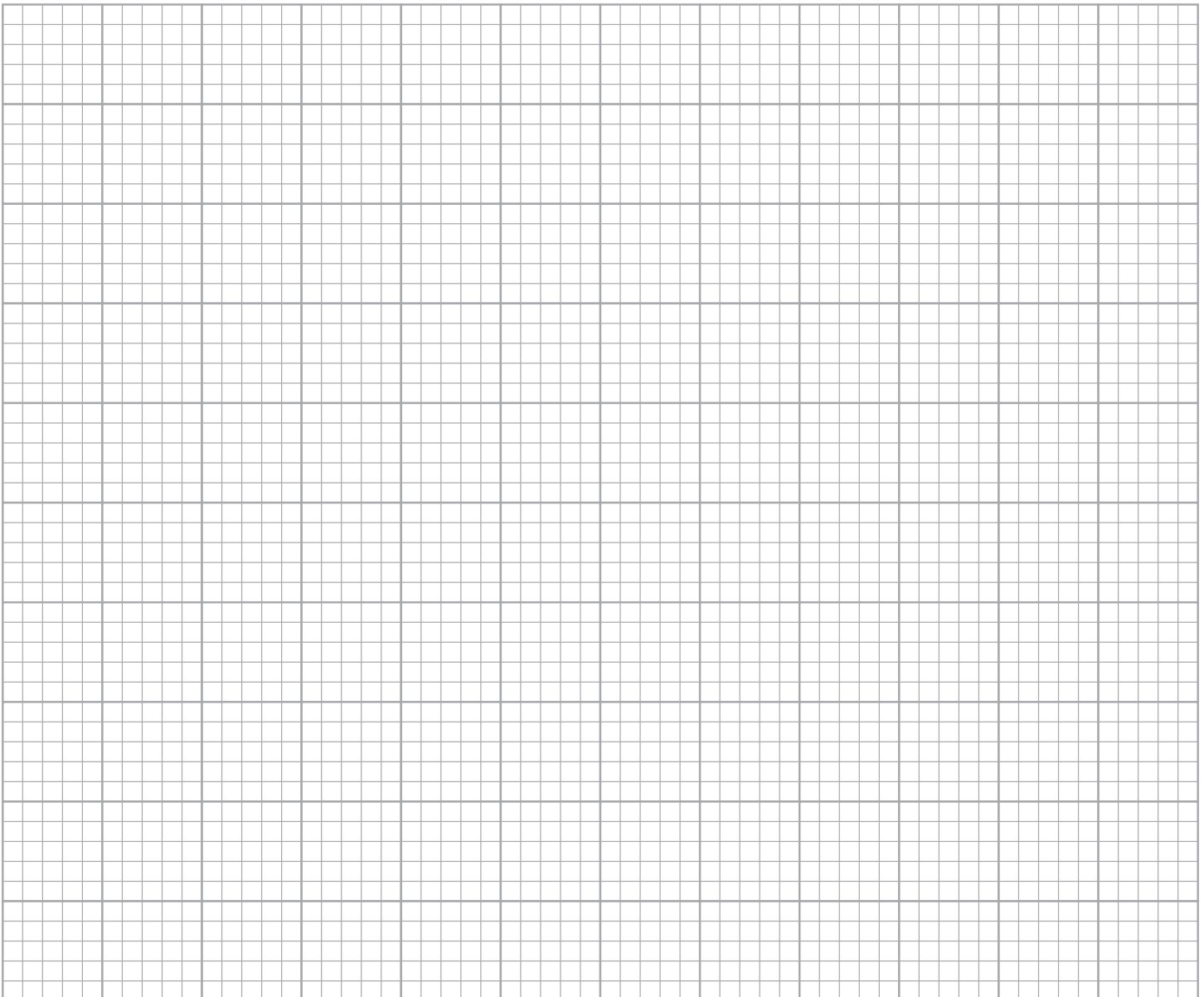
$$A - (C \times (D + 1)) / D = E$$

$$B - (C \times (F + 1)) / F = G$$

$$\frac{\text{---}}{A} - \left( \frac{\text{---}}{C} \times \left( \frac{\text{---}}{D} + \frac{\text{---}}{1} \right) \right) / \frac{\text{---}}{D} = \frac{\text{---}}{E}$$

$$\frac{\text{---}}{A} - \left( \frac{\text{---}}{C} \times \left( \frac{\text{---}}{F} + \frac{\text{---}}{1} \right) \right) / \frac{\text{---}}{F} = \frac{\text{---}}{G}$$

### Sketch



Scale : 1 large square = 12"    1 small square = 3"