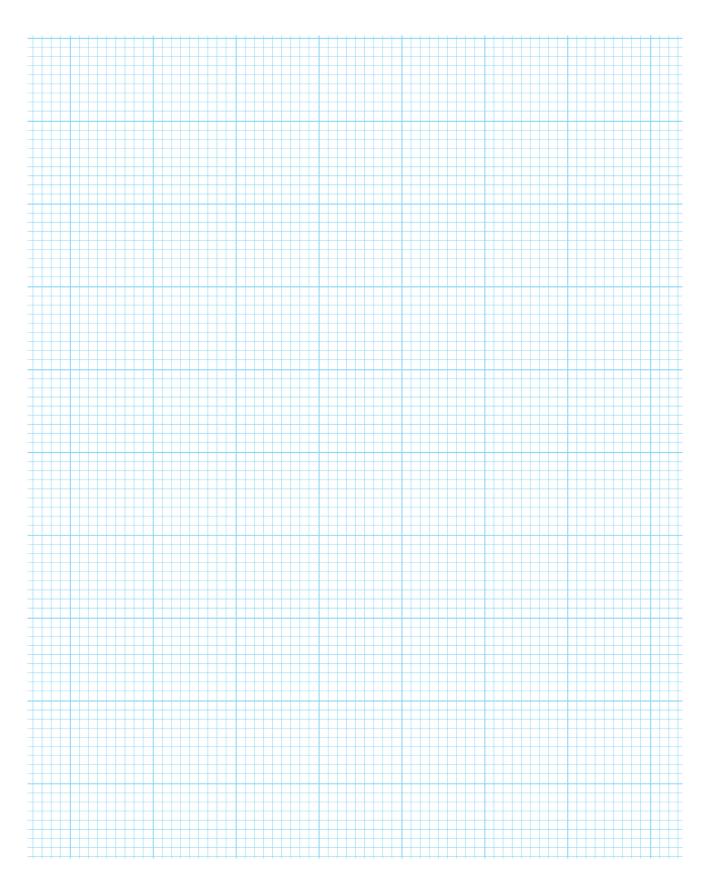
## Flood Risk in Falkirk: Results

Now we have poured the rain water, use the table below to record the run off measurements for each tray and reflect on your earlier predictions.

| Tray | Amount of<br>water poured | Run off<br>measurement | Were my predictions<br>correct? Why/why not? | Observations |
|------|---------------------------|------------------------|--|--------------|
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |
|      |                           |                        |  |              |

## **Extension**:

Can you choose an appropriate graphical method to show the different run-off amounts for each land use? Ensure that you properly label your graph.



## **Analysis**

| Which land use had the most run-off and therefore the deepest flood?   |           |  |  |  |  |
|--|-----------|--|--|--|--|
|  |           |  |  |  |  |
| Which had the least amount of run-off?   |           |  |  |  |  |
|  |           |  |  |  |  |
| Can you explain the differences in run-off measurements? What factors were in the amount of run-off that collected in the deeper part of the tray? | fluencing |  |  |  |  |
|  |           |  |  |  |  |
|  |           |  |  |  |  |
|  |           |  |  |  |  |
|  |           |  |  |  |  |
|  |           |  |  |  |  |
|  |           |  |  |  |  |
|  |           |  |  |  |  |