**SQUARES**

**You are a landscape gardener and you have been asked to design a garden.**

**You have a total budget of £750 to spend**

1. **Draw the outline of your garden.**

1 metre = 1 square on your maths book.

Your garden should be at least 20m long and 15m wide.

Your garden must have fence all around the outside. It costs £2.50 per metre. Calculate the cost of your fencing, and then take it away from your total budget.

1. **You can now decide what you will include in your garden. The following table gives you the cost of each item, and some rules that you will need to take into account.**

Calculate the cost and record it on the table, then take away the cost from your £750 budget using column subtraction.

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Cost** | **Be aware** | **Cost for your garden** |
| Fence | £2.50 per metre | Must enclose your entire garden |  |
| Grass | 80p per square metre | You only have time to cut up to 40 m2 regularly |  |
| Vegetable patch | Compost is £1.20 per square metre  Seeds are 20p per square metre | Each square metre requires compost and seeds. |  |
| Paving slabs | £2.60 each | These will help you reach your vegetable patch or pool |  |
| Fruit tree | Small - £30 each  Large - £55 each | Will need 4m2  Will need 9 m2 |  |
| Pond | £20 per square metre  (Extra - fish £2.50 each & lilies £1 each) | Can be any size or shape but will need paving slabs around it |  |
| Flowers | £5 bag of 25 bulbs | 50 bulbs will cover 3m2 beautifully |  |
| Shed | £110 3m x 2 m  £ 155 4m x 3 m | Could be very useful but will need paving slabs underneath it |  |
| Decking | £25.50 per square metre | Good for sitting out on |  |
| Bird table | £18 each | ½ m2 |  |
| Bench | £85 each 2m x 1 m | You must put your bench on something such as bark, paving slabs or grass. |  |

|  |  |
| --- | --- |
| Grass |  |
| Vegetable patch |  |
| Paving slabs |  |
| Fruit tree |  |
| Pond |  |
| Flowers |  |
| Shed |  |
| Decking |  |
| Bird table |  |
| Bench |  |