**SQUARES - Garden Centre problem solving**

You are buying the flower seeds for your new flower bed.

Your local garden centre is having a sale, and although you only have a budget of £5.50, you should be able to buy more than one packet of seeds. You have a choice…



£2.52 £1.89 £2.25 £2.87 £1.36

1. Using a table to help you work systematically, find all of the combinations of seeds that you could choose if you buy 2 different packets.

|  |  |  |  |
| --- | --- | --- | --- |
| Seed packet 1 | Seed packet 2 | Cost | Change |
|  |  |  |  |
|  |  |  |  |

1. Use column addition to calculate the cost of each combination of seeds.
2. Use column subtraction to calculate the change you will receive from £5.50.

Challenge:

1. Are there any combinations of seeds that you cannot afford? How much more money do you need to save in order to buy it?
2. Is there a combination of three packets of seeds that you can afford with a budget of £5.50?
3. Order the combinations of seeds from the cheapest to the most expensive.
4. Find the average price using the median.