**Dream Design Maths Challenge**

**Task 1:**

You have a maximum of **20 minutes** and a budget of **£2150** to research what you would like in your dream bedroom.

* **Create a an image of your perfect bedroom**

You can have anything in your room but you **MUST** include the following:

Bed

Wardrobe

Drawers

Desk

Lamp

* **Create a spreadsheet for your design project**

|  |  |  |
| --- | --- | --- |
| Item | Cost (£) | Total (cumulative) |
| Bed | 349.99 | 349.99 |
| Wardrobe | 169.99 | 519.98 |

E.g.

**Task 2:**

1. List the price of your items in **ascending** order.
2. What percentage (%) of the budget have you spent on furniture?
3. **Extension:** Convert the answer to a decimal (**3 d.p**)
4. What fraction of the budget have you spent on the bed?  
     
     
   **Extension:** Show the answer as a percentage (%)
5. The wardrobe is in a **flash sale** and has been discounted by **7%**. How much does it cost now?
6. If you had £273 in your bank account at the start, how much will you be overdrawn when you finish your room?
7. Your Budget has been increased by 17%. How much can you spend now?

How would you spend the extra money? Explain your answer.