**Can I sort data by using a block graph?**

We would like you to go on a coloured scavenger hunt around your house. How many different coloured items can you find? Once you have found them fill out the tally chart below. Once you have completed the tally chart, have a go at filling out the block graph showing the number of coloured items in your house.

|  |  |
| --- | --- |
| **Colour** | **Tally - Number of objects in your house** |
| **blue** |   |
| **orange** |   |
| **red** |   |
| **lilac** |   |
| **brown** |   |
| **pink** |   |
| **green** |   |
| **yellow** |   |

Block Graph to show the number of coloured objects found in the home.

Number of coloured items

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **20** |   |   |   |   |   |   |   |   |
| **18** |   |   |   |   |   |   |   |   |
| **16** |   |   |   |   |   |   |   |   |
| **14** |   |   |   |   |   |   |   |   |
| **12** |   |   |   |   |   |   |   |   |
| **10** |   |   |   |   |   |   |   |   |
| **8** |   |   |   |   |   |   |   |   |
| **6** |   |   |   |   |   |   |   |   |
| **4** |   |   |   |   |   |   |   |   |
| **2** |   |   |   |   |   |   |   |   |
|   | **blue** | **orange** | **red** | **lilac** | **brown** | **pink** | **green** | **yellow** |

Colours

1. Which colour is there most of? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Which colour is there least of? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. How many yellows are there? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. How many objects are there altogether? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. What is the difference between the red and orange items? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. Now make up a question of your own question

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Answer\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_