**Directions**: Use at least one of each color patch to make your quilt square. Measure all your pieces in **inches** .

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Size of Patch** | **Number of Patches** | **Area of one patch** | **Total Area of all patches of this size** | **Perimeter of one patch**  | **Total Perimeter of all patches of this size** |
| **Small** **white** |  |  |  |  |  |
| **Medium** **yellow** |  |  |  |  |  |
| **Large** **blue** |  |  |  |  |  |
| **Extra Large** **pink** |  |  |  |  |  |

1. What is the area of the whole quilt square?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. What do you get when you add up the total area of all the patches?\_\_\_\_\_
2. What is the perimeter of the whole quilt square?\_\_\_\_\_\_\_\_\_\_
3. What do you get when you add up the perimeter of all the patches?\_\_\_\_\_\_