

## NUMBER SEARCH

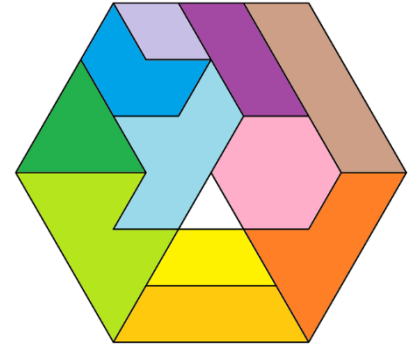
### Materials:

Cuisenaire rods, pattern blocks or other relational blocks, e.g. tangram pieces

**WALT:** Use our knowledge of numbers to find the value of the different blocks.

**WILF:** Understanding the relationship between different numbers, e.g. one of these is two of those.

**Game Objective:** To find the value of the different blocks.



### Summary:

- Create a simple image using pattern blocks (Teachers could also use an image of the blocks)
- If the triangle is worth one – what is the value of the other blocks?
- What is the total value of the image?

### Variation:

For more of a challenge, do not start by identifying the value of the smallest block. For example, if using pattern blocks, rather than telling the students that the triangle is worth one, start by suggesting that the hexagon (6 triangles) is worth 60. Can students use this information to calculate the value of the other blocks and find the total of the image?

Alternatively, assign a different value to the triangle, for example, if the triangle is worth five, what is the value of the hexagon. To extend students further, also consider using fractions and decimal values, for example, if the triangle is worth one-third, what is the value of the hexagon?

### More Information:

More examples of Number Search images can be found here:

[https://photos.google.com/share/AF1QipPUhHweMG3cpSQ2CRL0scB2KtIKi2D6UFLrLtVuBNpr\\_z-UWsqce6nzZGmkWi5UWA?key=QIZfb2Rtd05vbXRiVklUSldiUGVTSVMxd2hINXJn](https://photos.google.com/share/AF1QipPUhHweMG3cpSQ2CRL0scB2KtIKi2D6UFLrLtVuBNpr_z-UWsqce6nzZGmkWi5UWA?key=QIZfb2Rtd05vbXRiVklUSldiUGVTSVMxd2hINXJn)