

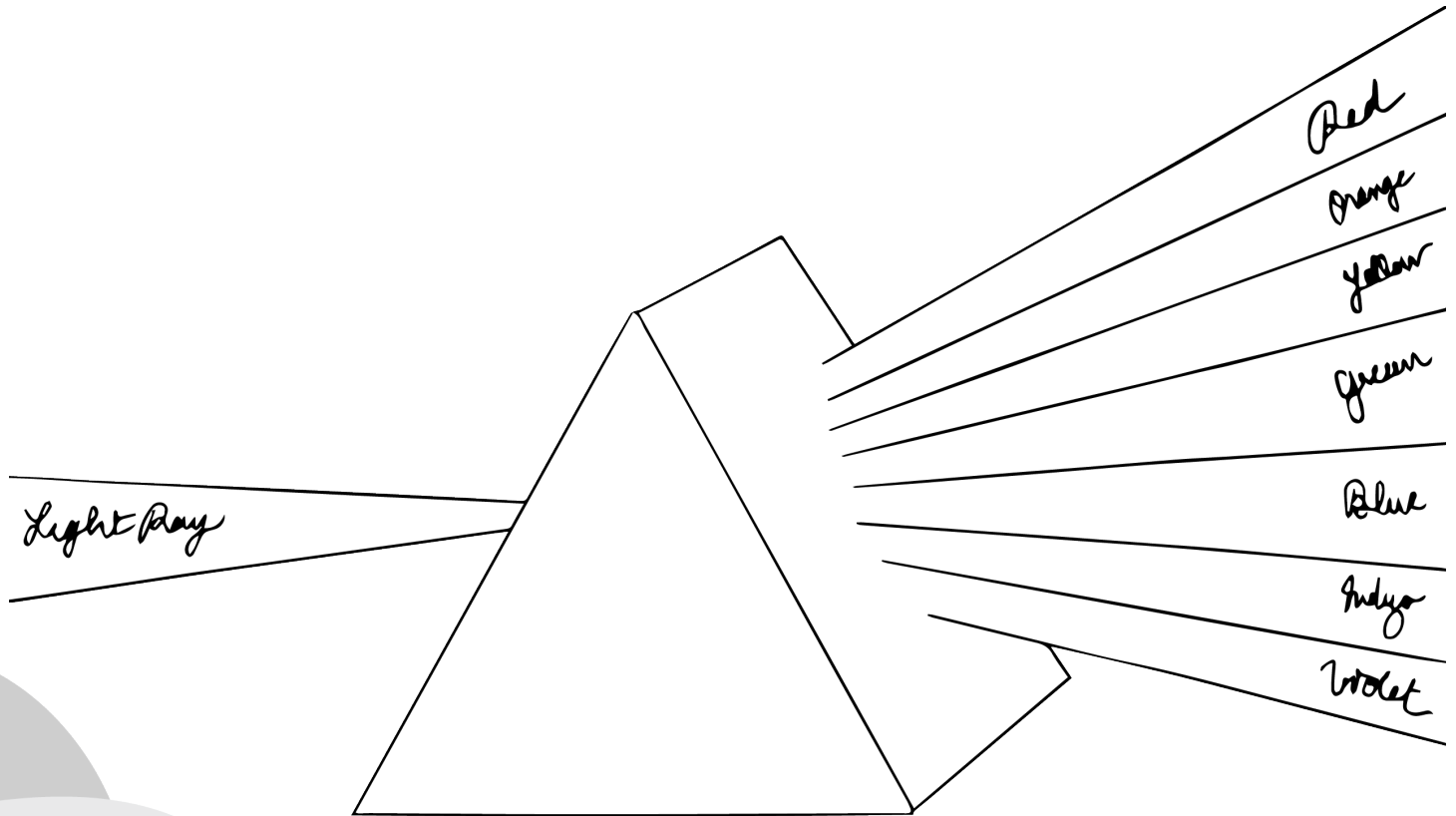
Date: _____

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Prism Coloring Page

This activity was created by Habiba

Did you know that sunlight is a combination of all the colors of the rainbow but it looks white? When that light goes through a prism, it bends, making all the colors separate, and creates a beautiful rainbow! Color in the following photo to see the refraction of white light into its colour components.



Hey there! This is how we express this prism as a **function** in my coding language:

```
while in = 'white light';  
  lightRay = 'refracts and separates'  
  out = ['red', 'orange', 'yellow', 'green', 'blue', 'indigo',  
        'violet']
```

In other words, when white light goes in to the prism, the prism acts on it to refract and separate the colours, resulting in an output of light in all the colours from red to violet.

