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stones, then, with their colours, and the tints of the  
rainbow, are as follows :—  
  
1. Jasper, greenish ? yellow ? °  
2. Sapphire, azure.  
3. Chalcedony, doubtful, green  
and blue.  
  
THe Rainpow. 4. Emerald, green.  
1. Red 5. Sardius, red.  
2. Orange 6. Sardonyx, red and white.  
3. Yellow 7. Chrysolite, yellow.  
4. Green 8. Beryl, sea-green.  
5. Blue 9. Topaz, yellow.  
6. Indigo 10. Chrysoprasus, golden-green.  
7. Violet (lake) 11. Jacinth, violet.  
  
12. Amethyst, rose-red.  
  
Ti we omit the first four of the stones we may trace  
a very considerable resemblance between the two series  
of colours.  
It should be observed that each colour in the spec-  
trum does not take up exactly the same space, but some  
occupy a much larger interval than others. The fol-  
lowing statement is taken from Dr. Lardner’s work :—  
If the spectrum be divided into 360 equal parts, the  
proportion of each will be as follows :—  
  
Orange. . . . ... . 2  
Yellow. . . . . . . . 24  
Green. . . . . . ~~) 46  
Blue... ... . . ~ 48  
Indigo. . 2. 2. 1. 1. OAT  
Violet. . . . . . . . 109  
360  
  
Answerably to this we may find in the foundations