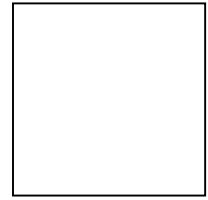


Name: _____

Confusing

Colours

The square on the right contains an optical illusion. You might say, there is nothing in the square and you would be right but don't be fooled. True, there is no picture but there is white light. Your eyes see a white square.



White is not a colour. The scientist Sir Isaac Newton discovered this fact. When Newton placed a prism (a triangular block of glass) in a beam of white sunlight, he saw different colours come from the prism.

White is not a colour. It is made of a mixture of colours called the spectrum. The spectrum has red, orange, yellow, green, blue and violet. When these colours are blended together your eyes can not detect the individual colours and your brain tells you it is white.

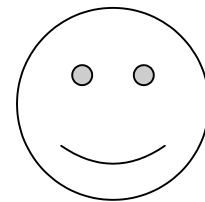
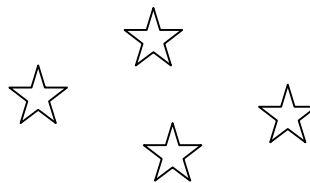
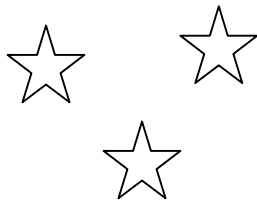
When sunlight passes through tiny water droplets in the sky, you might see a rainbow. This again shows that white light is a mixture of colours.

Task 1

Obtain a prism and let sunlight fall through it. Take a good look at the beautiful colours which emerge from the prism.

Task 2

Write a short poem about colour.



Task 3

Make a paper rainbow using the correct colours.