

OPTICAL ILLUSIONS

Can you tell whether one cube is placed on top of two cubes or whether two cubes are placed over one cube in Figure 1? Look carefully at the figure for sometime before you decide.

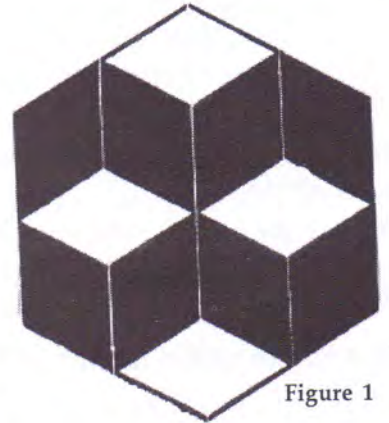


Figure 1

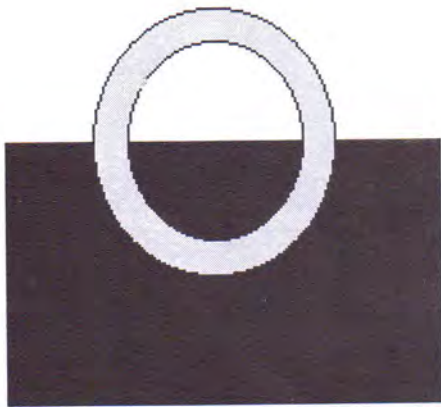


Figure 2

Look at the gray circle in Figure 2. Does it have the same colour throughout?

Now stand a ruler on its horizontal edge along the top edge of the black rectangle. Look at the gray circle right from on top of the ruler. Does the colour of the circle look the same all over now?

Figure 3 contains some black squares. White lines divide these squares. But wait! Are these lines pure white? What is their colour at the intersections?

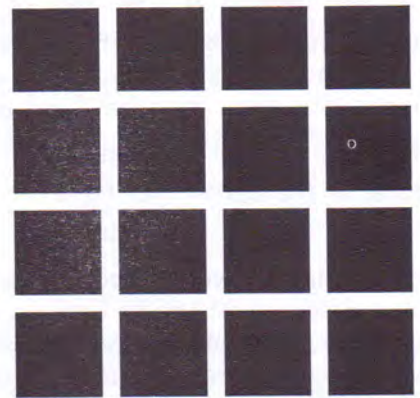


Figure 3

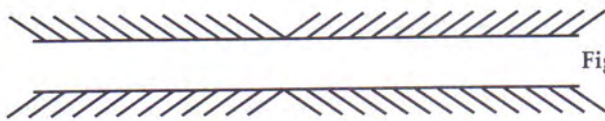


Figure 4



Figure 5

Look at Figures 4 and 5 carefully. Are the long lines drawn in them straight lines? Are they parallel lines? First take a guess. Then use a ruler to check whether your guess is correct or not.