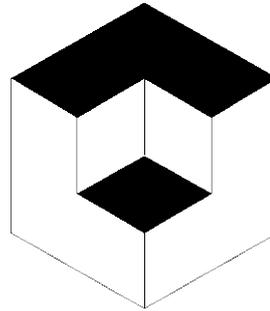
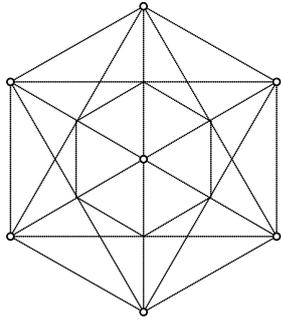


# AN OPTICAL ILLUSION

The dotted lines in the hexagon diagram below (left) may be used as guides in constructing the optical illusion shown on the right. What do you see? A small cube on the outside of a larger one, or a large cube minus one corner chunk?



To draw your own design, obtain a blank sheet of paper and follow the instructions below.

1. Draw a large hexagon using Geo-Pro's 3 cm side length hexagon.  
Alternatively, draw a large circle using the protractor and mark angles every  $60^\circ$  around the circumference. Mark the centre of the hexagon.
2. Use erasable pencil to draw the guide lines as shown above.
3. Using pen, mark the lines to be kept.
4. Erase the remaining pencil lines.
5. Colour your design.