## PRINT THIS ON HEAVY PAPER OR CARD STOCK CUT AND PASTE - COLLECT THE WHOLE SET

BE THE ENVY OF YOUR NEIGHBORHOOD BE THE TALK OF YOUR BLOCK

## THE CUBE

A platonic solid is a polyhedron whose faces are all congruent regular polygons, and the same number of faces meet at every vertex.

The Greeks observed that there are only five platonic solids:

CUBE
DODECAHEDRON
ICOSAHEDRON
OCTAHEDRON
TETRAHEDRON

as was proved by Euclid in the last proposition of the Elements.

They were described by Plato in his Timaeus Plato equated

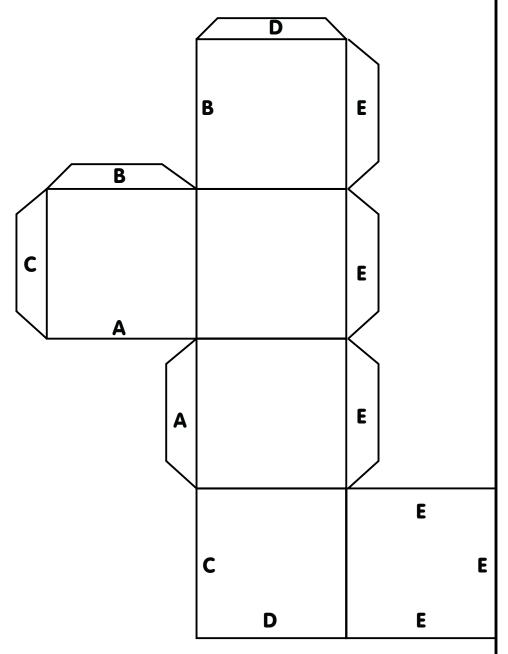
**TETRAHEDRON WITH FIRE** 

**CUBE WITH EARTH** 

**ICOSAHEDRON WITH WATER** 

**OCTAHEDRON WITH AIR** 

DODEHEDRON WITH THE STUFF OF CONSTELLATIONS AND THE HEAVENS



Cut around the edge and glue the letters inside the model.



OPINIONS AND FEELINGS ARE FREQUENTLY A PERSONAL TRIUMPH OVER GOOD THINKING YOU DEFINE REALITY BY WHAT YOU KNOW, WHAT YOU BELIEVE, AND WHAT YOU DO ABOUT IT.