

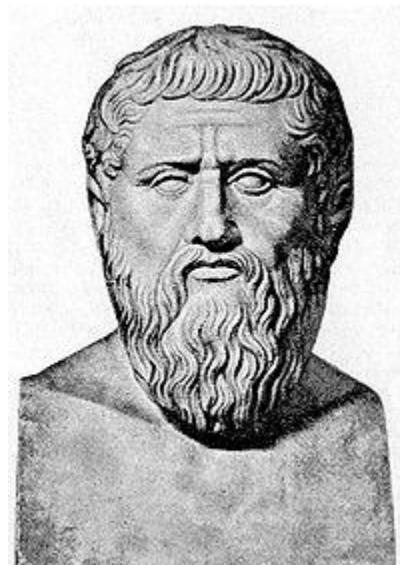
MATEMÁTICA

PLATÃO

DANIEL LINO DE MIRANDA

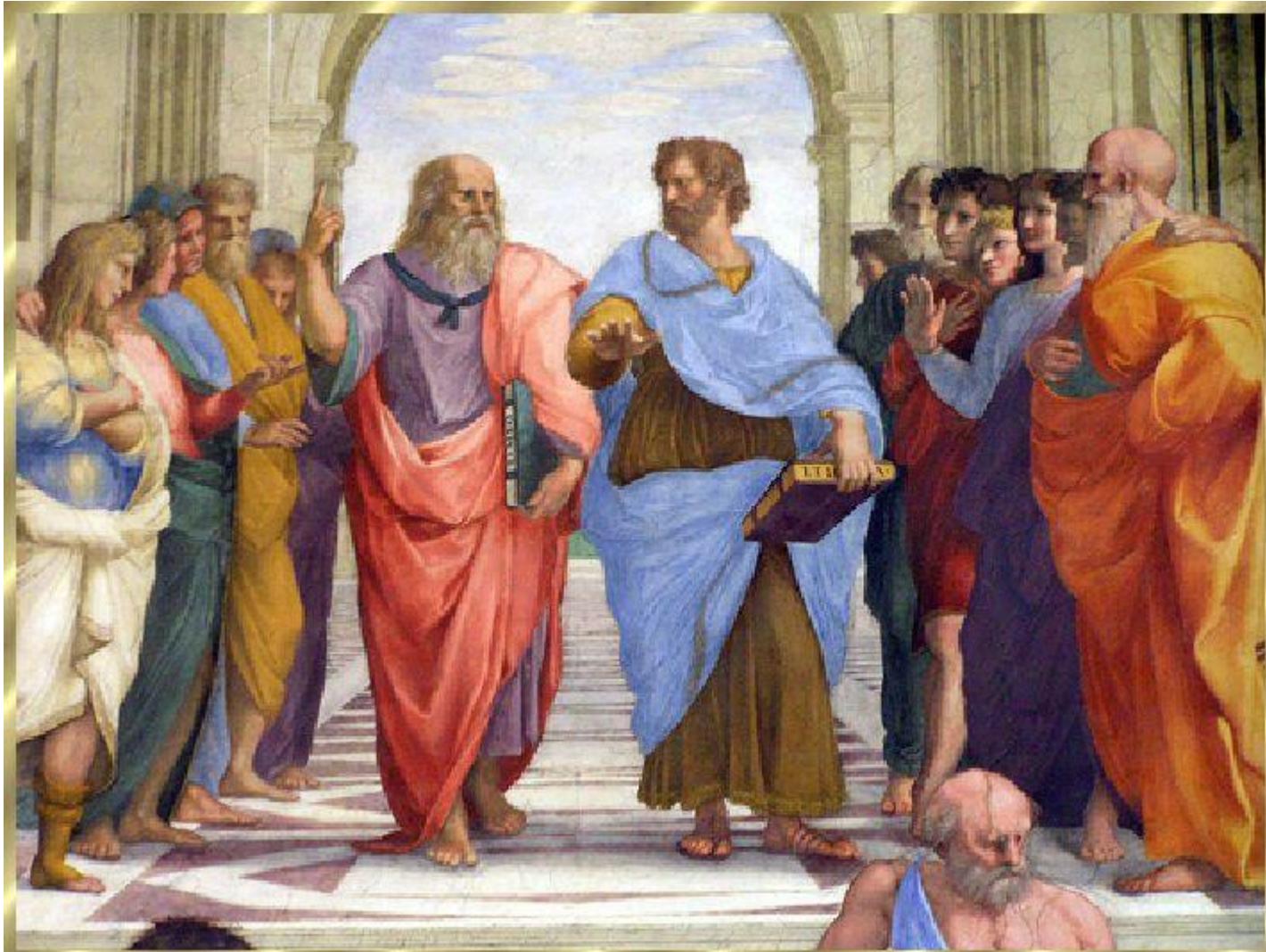
8º. ANO
ESCOLA DO SÍTIO

PLATÃO



NASCEU EM ATENAS NA GRÉCIA,
FAZ 2.400 ANOS

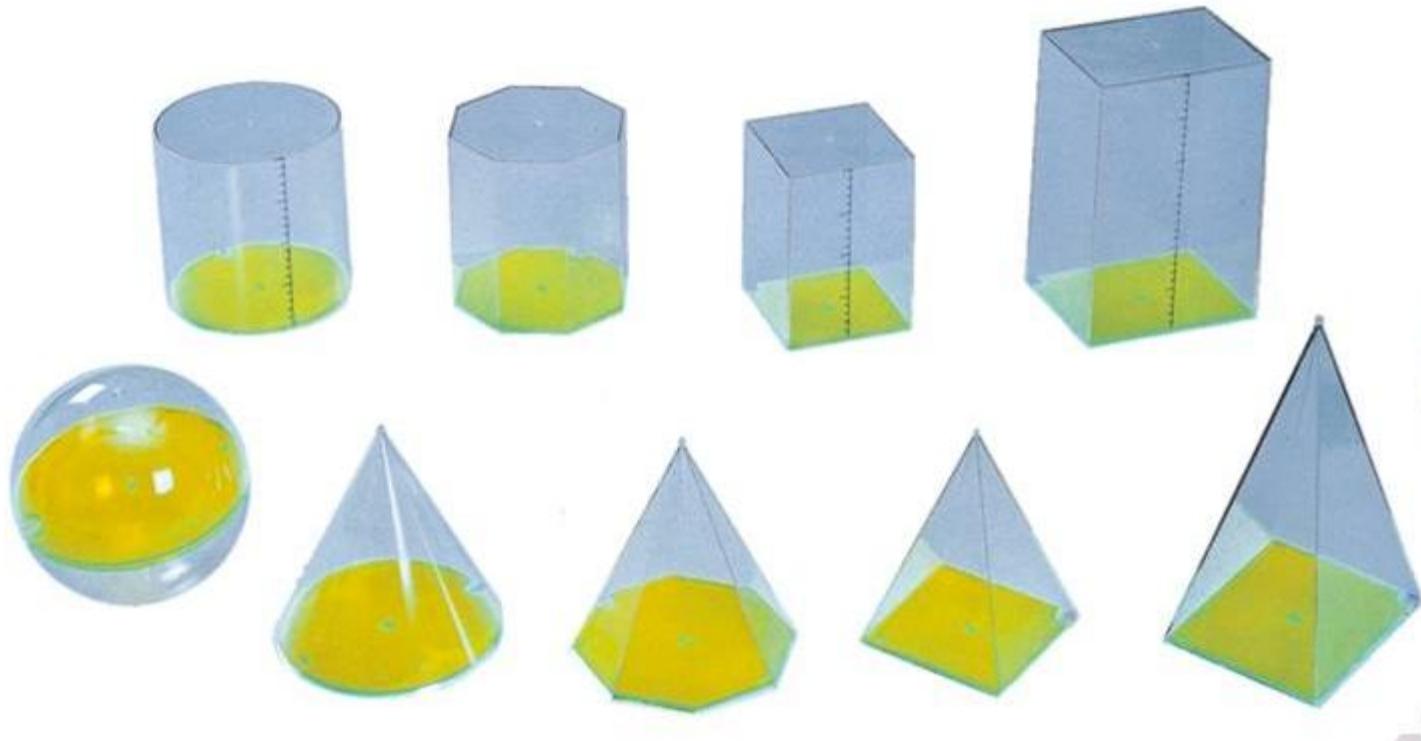
PLATÃO FOI UM FILÓSOFO, ALUNO DE SÓCRATES



DEPOIS, PLATÃO TEVE SEUS ALUNOS



PLATÃO ESTUDOU O HOMEM, A SOCIEDADE, A POLÍTICA E A MATEMÁTICA

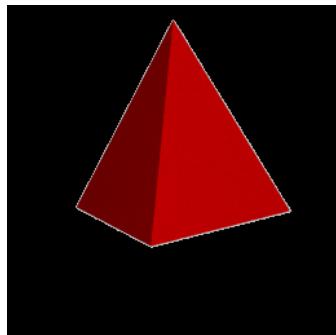


**EM MATEMÁTICA,
ELE GOSTAVA DE OBSERVAR AS FORMAS,
A GEOMETRIA**

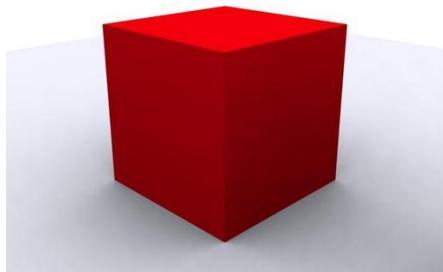
PLATÃO DESCOBRIU 5 FORMAS PERFEITAS:

- COM TODOS OS **LADOS IGUAIS**
- COM TODOS OS **ÂNGULOS IGUAIS**
- COM O **MESMO NÚMERO DE FACES**
EM TODOS OS ÂNGULOS

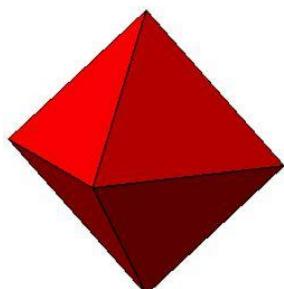
TETRAEDRO = 4 FACES



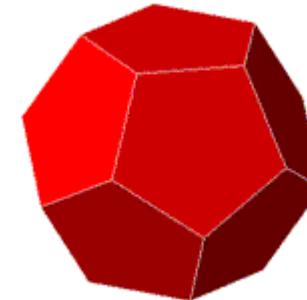
CUBO = HEXAEDRO = 6 FACES



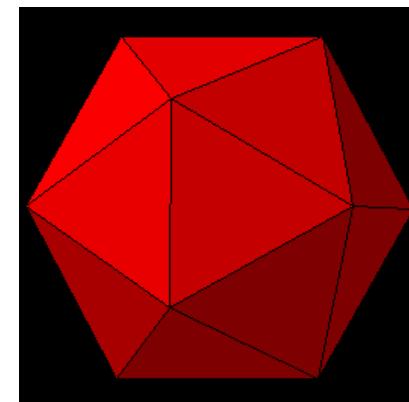
OCTAEDRO = 8 FACES



DODECAEDRO = 12 FACES



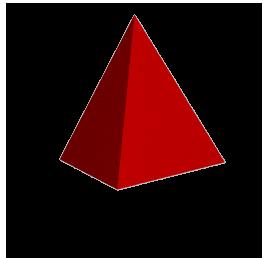
ICOSAEDRO = 20 FACES



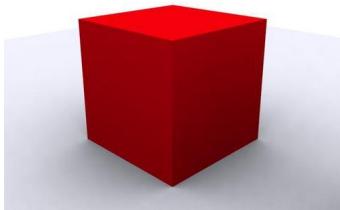
**PLATÃO USOU ESSAS FORMAS
PARA EXPLICAR O UNIVERSO**



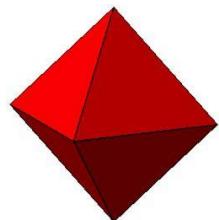
TETRAEDRO = FOGO



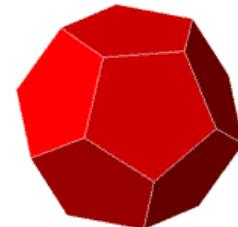
CUBO = HEXAEDRO = TERRA



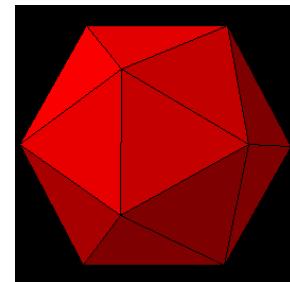
OCTAEDRO = AR



DODECAEDRO = ÁGUA



ICOSAEDRO = UNIVERSO



**E MUITAS PESSOAS DEPOIS DO PLATÃO
USARAM ESSAS FORMAS PARA**

CONSTRUIR COISAS,

FAZER ARTE

E ESTUDAR MATEMÁTICA

FIM

MUITO OBRIGADO!