

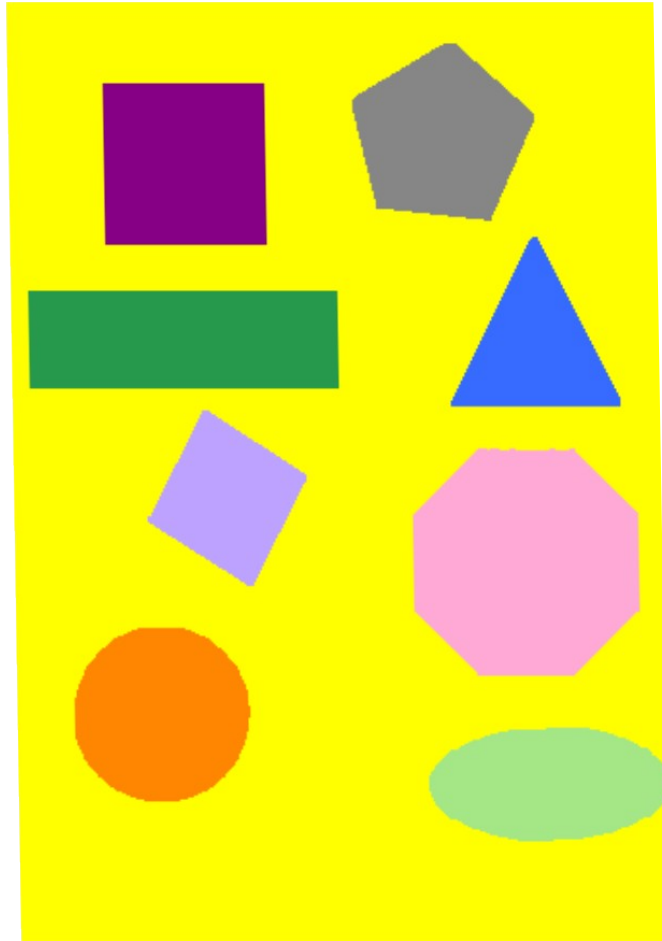


MATHEMATICS

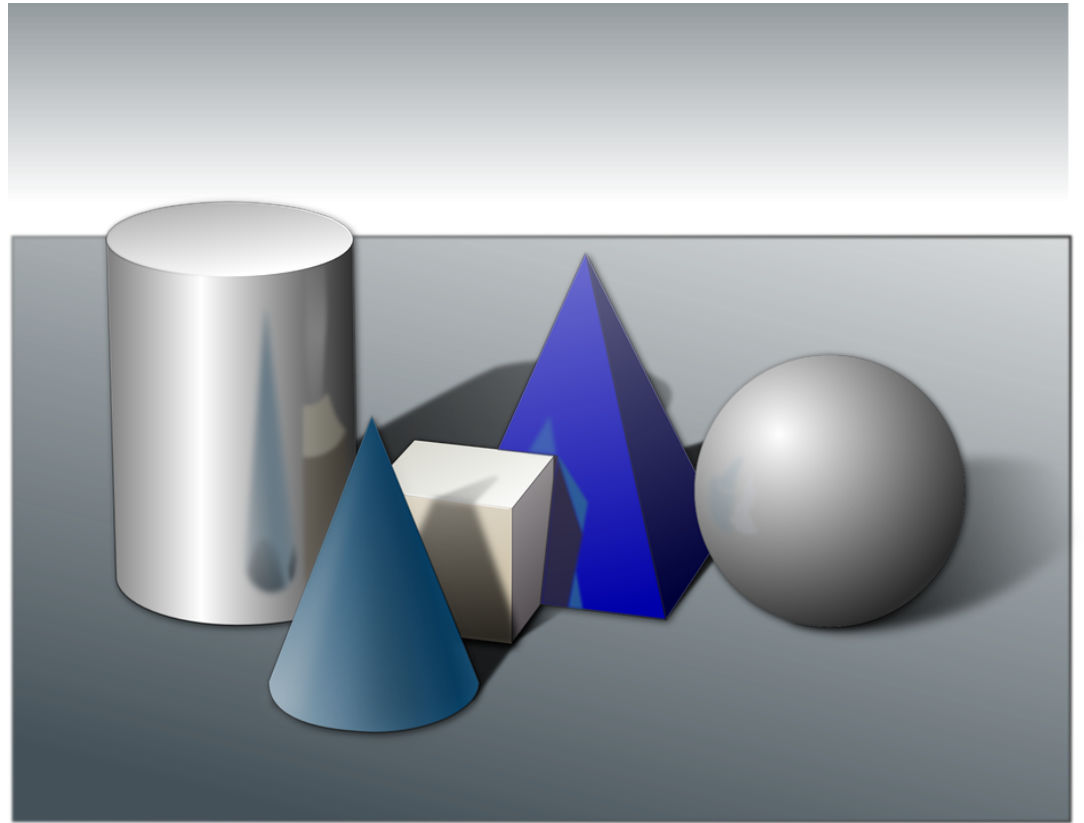
GEOMETRY AROUND US



GEOMETRICAL FIGURES

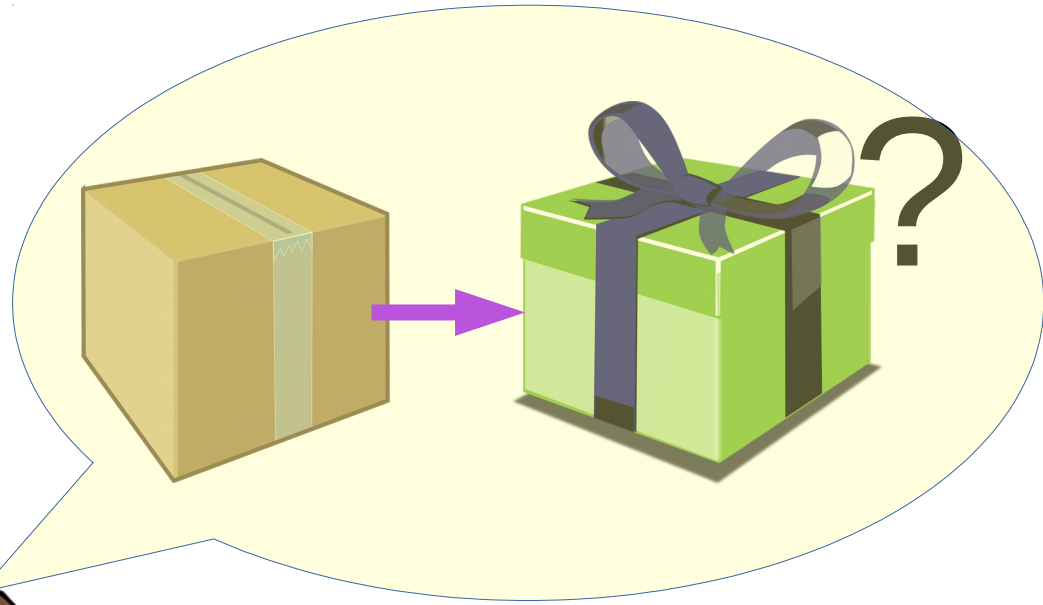


2D/PLANE FIGURES

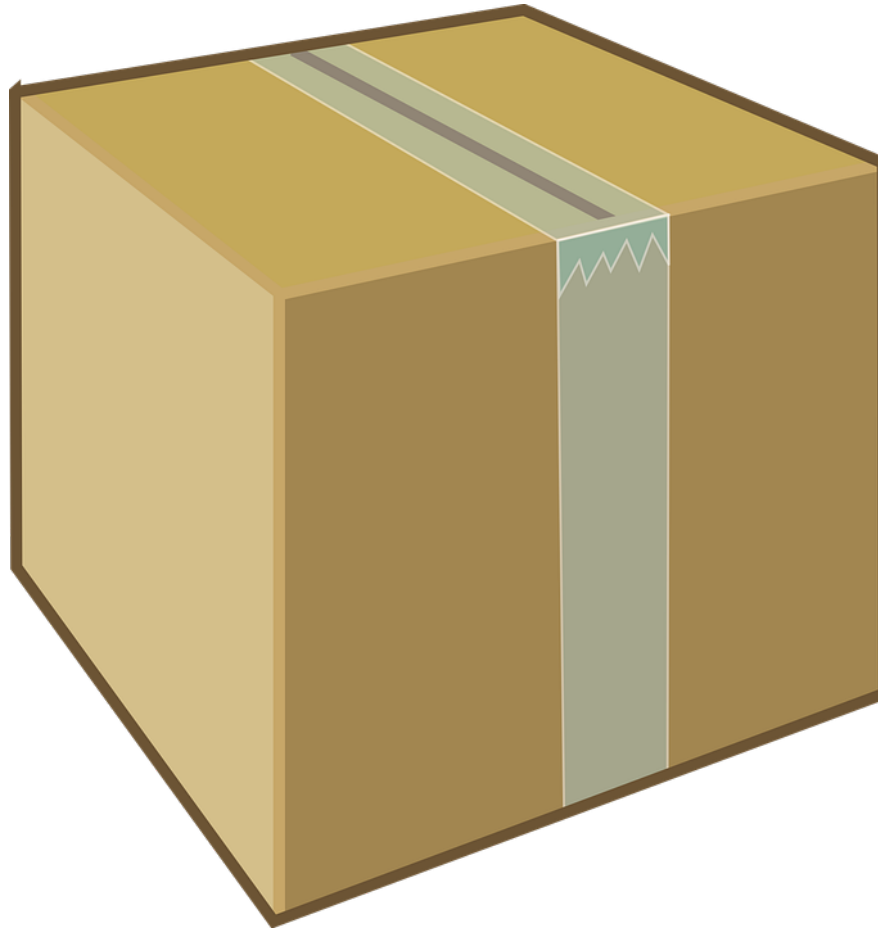


3D/SOLID FIGURES



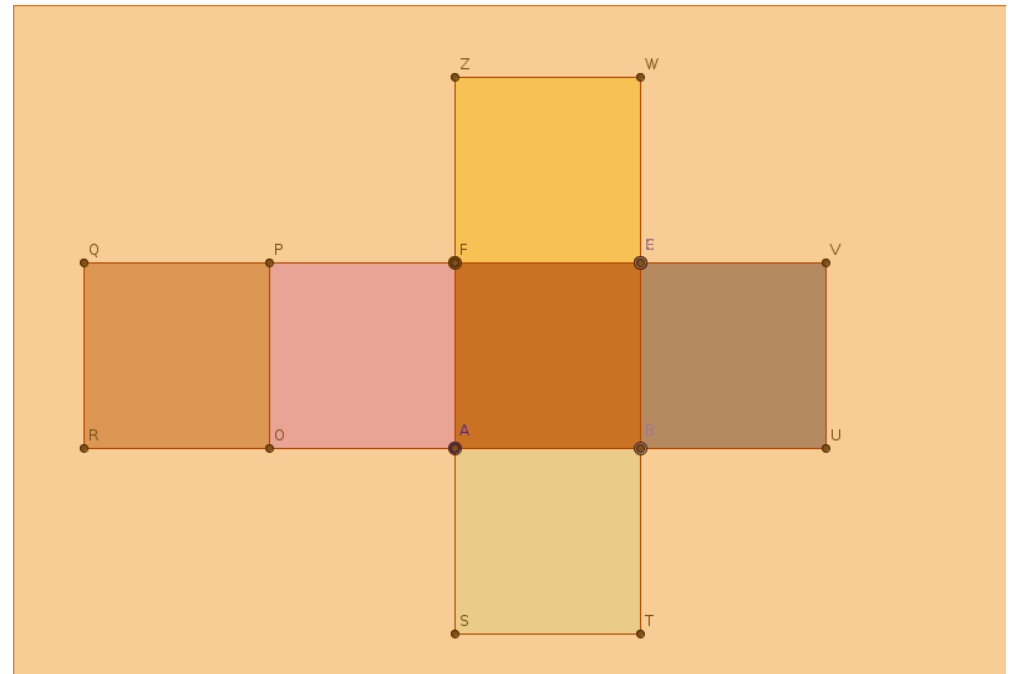
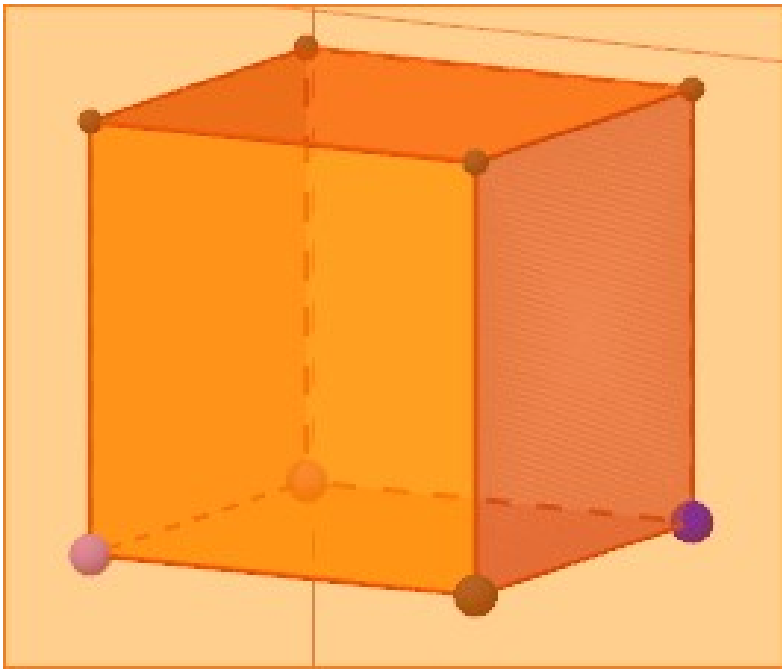


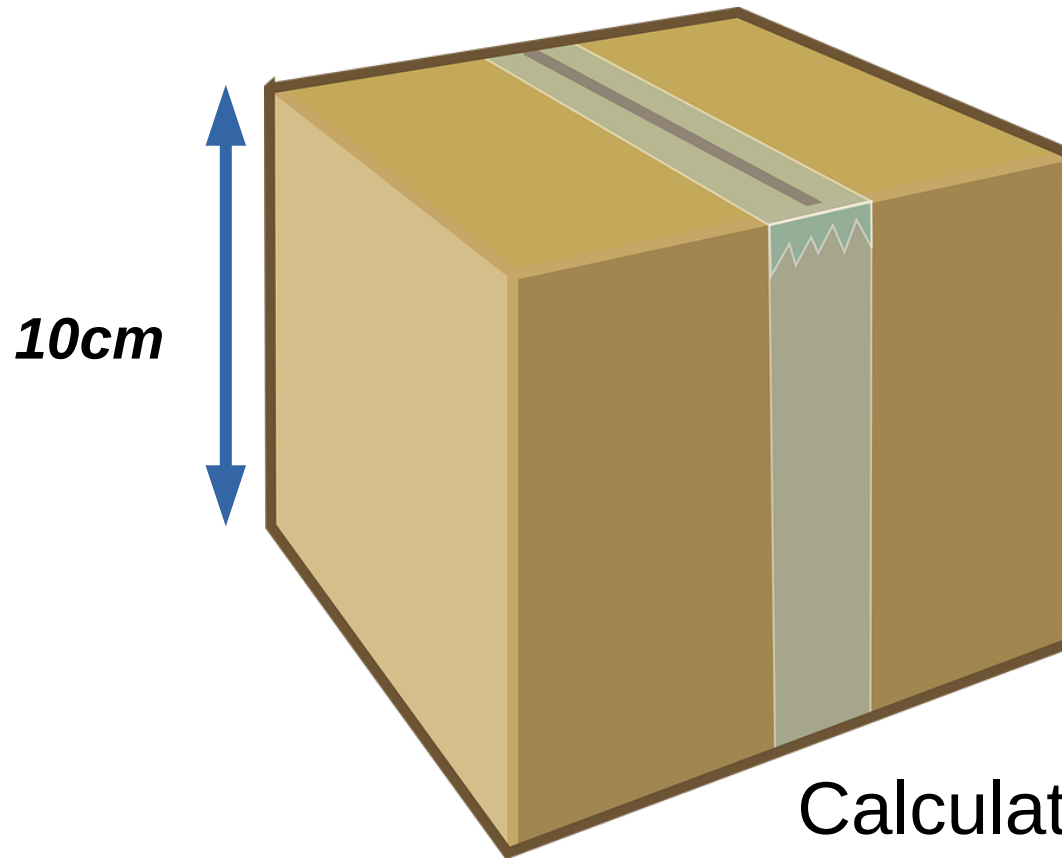
How much gift wrapping paper is required to wrap the box?



1)How many faces does a cube have? 6 FACES

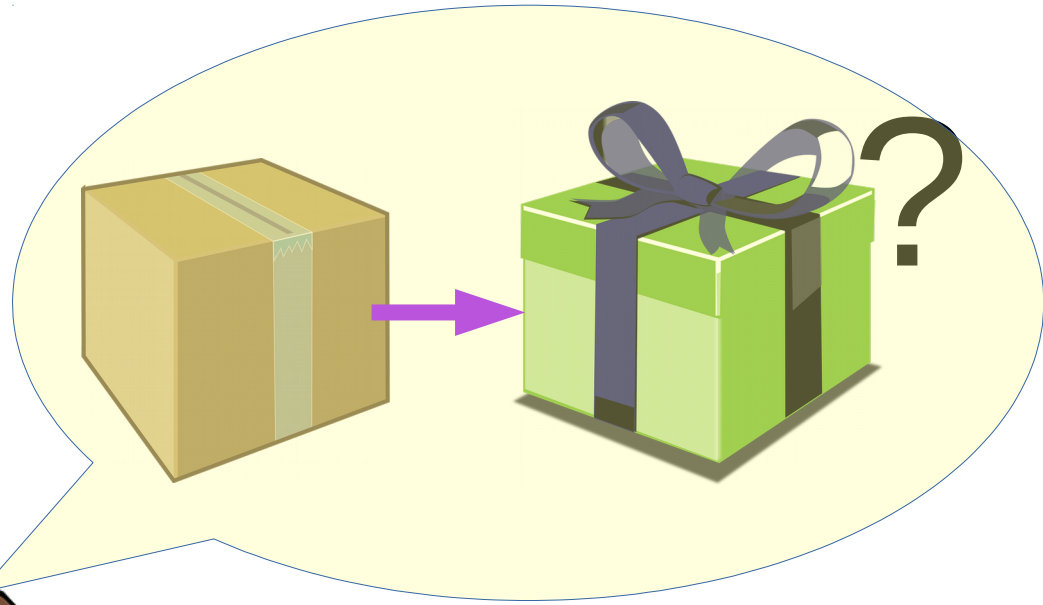
2)What is the shape of each face? SQUARE





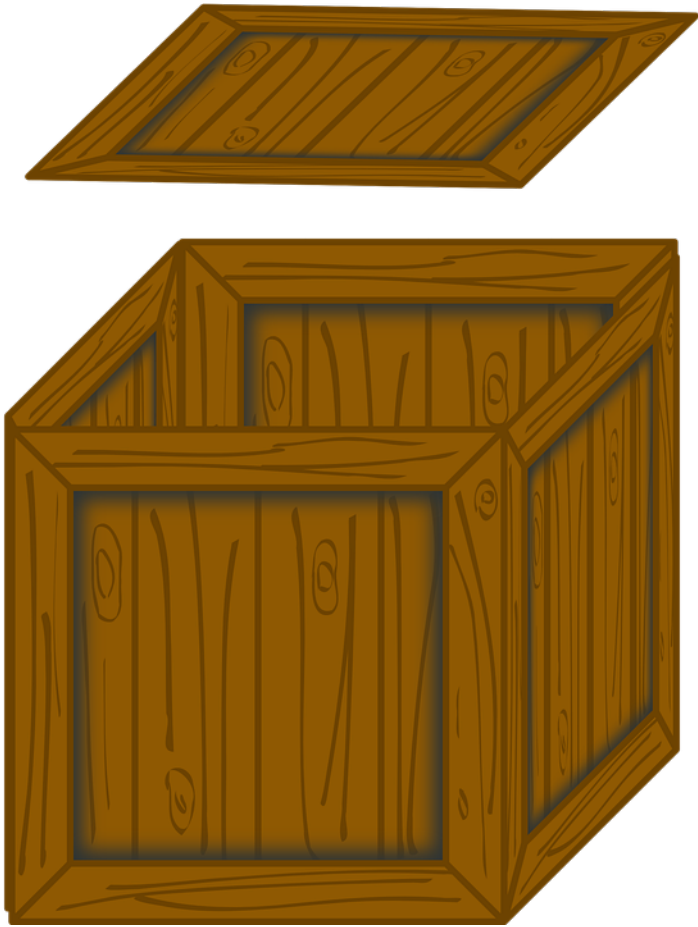
Calculate Total
Surface Area?

$$\text{TSA} = 6 \times 10 \times 10 = 600 \text{ sq cm}$$



How much gift wrapping paper is required to wrap the box?

$$TSA=6*10*10 =600 \text{ sq cm}$$



If a person wants to paint only five outer faces of the wooden box. What should he calculate to get the quantity of paint required to paint the box?

LATERAL SURFACE AREA+LOWER SURFACE AREA