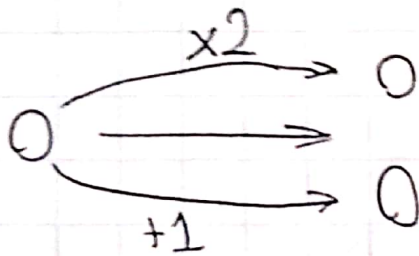# Geometry 1.2

Its is a branch of mathematics concerned with questions of shape, size, relative position of figures, and the properties of space.
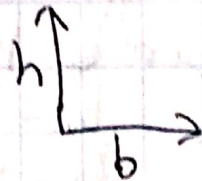
Aritmenica

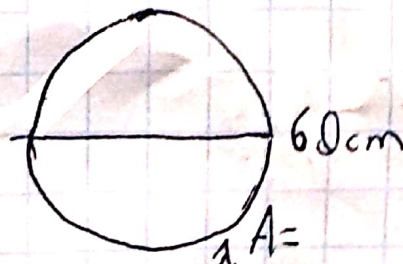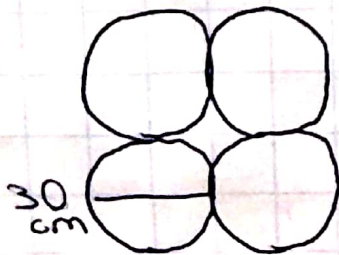$$\overleftarrow{0\ 1\ 2\ 3\ 4\ 5\ 6} \quad \text{Lineal} > 1$$

Dimension

$$O \underset{+1}{\overset{\times 2}{\Longrightarrow}} \begin{array}{c} O \\ O \\ O \end{array}$$

cm
$A = cm^2$ Dos dimensiones

h
b

Area, perimeter and volume
pepito tiene una pizza con un diametro de 30 cm
y sutanito de 60 cm

30 cm

60cm

$A=$

$A = \pi\ 15^2$
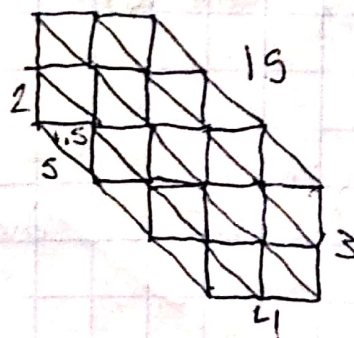$A = 3.1416 \cdot 225 = 706.86 \times 2 = 1413.72$

$$\frac{1413.72}{\pi} = \frac{\pi r^2}{\pi}$$

$$\sqrt{\frac{1413.72}{\pi}} = \sqrt{r^2}$$

$$r \cdot 2 = 0 = 412.42$$

$$21.21 = r$$

Crate $b = 5m$
$\quad b_2 = 1.5\,m$
$\quad h = 2\,m$

boxcar $b = 15\,m$
$\quad b_2 = 3m$
$\quad h = 4\,m$

15

12

2

1.5

5

3

4

$$A_{c2} = \frac{15 \cdot 3 \cdot 4}{5 \cdot 15 \cdot 2} = 12$$
$$A_{c1} =$$

$$3 \cdot 2 \cdot 2 = 12$$