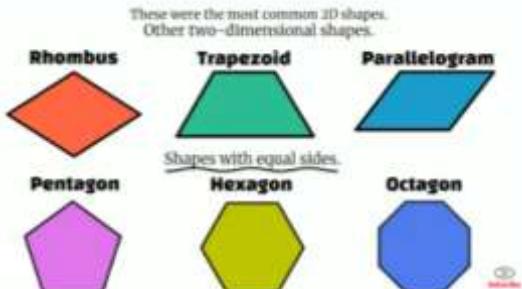
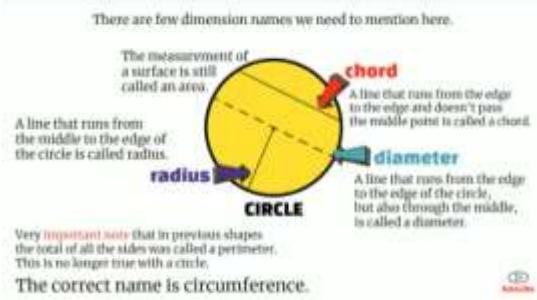
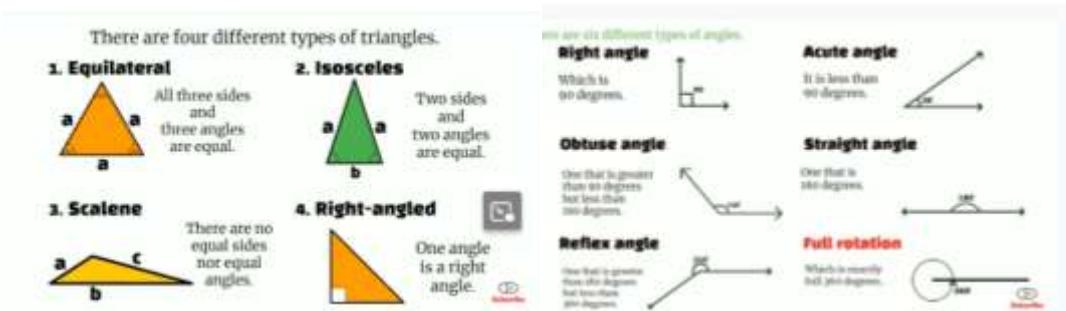
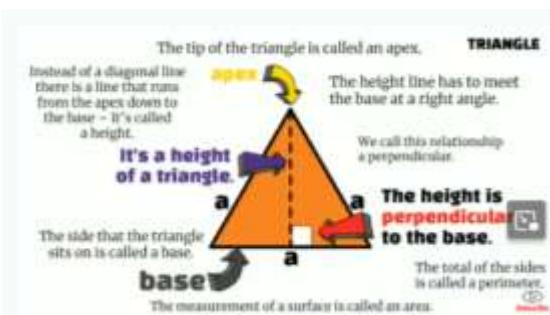
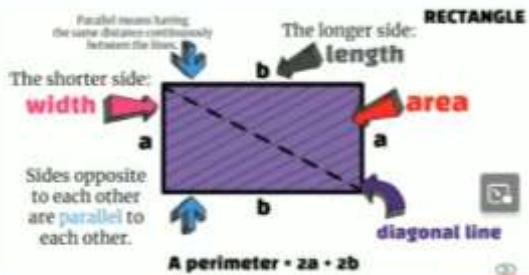
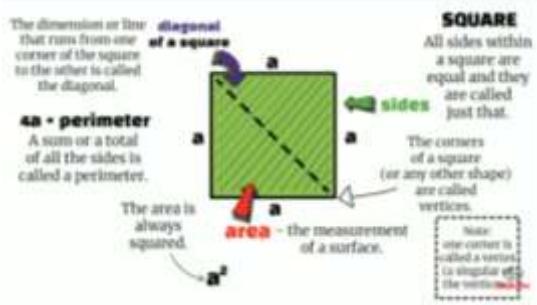


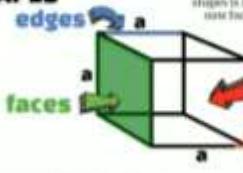
<b>Fraction</b> $\frac{3}{4}$ <small>Numerator</small> الكسير	<b>Ascending Order</b> الترتيب التنازلي $1, 2, 3, 4, \dots, 50$ <small>Minimum</small>	<b>Algebraic Expression</b> ذات الحدين التعبير الجبرى $4x^2 + 3x + 5$	<b>Binomial</b> ذات ثلاث الحدود
<b>Remainder</b> المتبقي	<b>Descending Order</b> الترتيب التنازلي $10, 9, 8, 7, \dots, 1$ <small>Maximum</small>	<b>Term</b> $3x$	<b>Trinomial</b> ذات أربعة الحدود
<b>1:3 Ratio</b>		<b>Coefficient</b> المعامل $3$	<b>Polynomial</b> كثيرة الحدود
<b>0% Percentage</b>			
<b>90% Ninety Percent</b>			
<b>Value Constant Variable</b>			
<small>قيمة ثابت متغير</small>			

<b>Equation</b> المعادلة $2x^2 - 3 = 15$	<b>Inequality</b> المتباعدة $-1 < 2x + 3 < 5$	<b>Matrix</b> المصفوفة Matrices (الجمع) Row $\begin{bmatrix} 3 & 4 & 3 \\ 5 & 3 & 2 \\ 4 & 5 & 2 \end{bmatrix}$	<b>Transpose</b> مترافق المصفوفة $\begin{bmatrix} 3 & 5 & 4 \\ 4 & 3 & 5 \\ 3 & 2 & 2 \end{bmatrix}$
<b>Roots</b> جذور المعادلة $x=3, x=-3$	<b>Solution Set</b> مجموعة الحل $\{-3, 3\}$	<b>Belongs to</b> Intervals	<b>Determinant</b> محدد المصفوفة
$2(3)^2 - 3 = 15$	$x \in [-1, 1]$		

<b>Domain</b> المجال	<b>Range</b> المدى	<b>Permutation</b> تبديل $n_p$	<b>Sequence</b> المتتابعة
		<b>Combination</b> توافق $n_C$	<b>Arithmetic Geometrical Sequence</b> متتالية حسابية
<b>Function</b> دالة		<b>Factorial</b> م-factorial $4! = 4 \times 3 \times 2 \times 1$	$1, 3, 5, 7, \dots$
			<b>Geometrical Sequence</b> متتالية هندسية
<b>Relation</b> علاقة			$1, 2, 4, 8, \dots$



### 3D SHAPES



Common thing for all of the three-dimensional shapes is that instead of measuring the area we have focus more on measuring the **volume**.

The other important thing is that since they are three-dimensional shapes, then apart of the length and the width we now have the third dimension, which is usually a depth.

$$\text{volume} = a^3$$

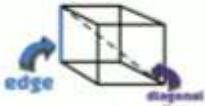
- the space that an object occupies.  
Note that the volume is measured in **cubic units**.

Common three-dimensional objects.

**SPHERE** A cousin of a circle.



**CUBE** A cousin of a square.



**CUBOID** A cousin of a rectangle.



**PYRAMID** A cousin of a triangle.



**CONE** Also a cousin of a triangle.



**CYLINDER**



**PRISM**



We have covered the most common shapes, objects and geometry vocabulary.