

triple

SARDEGNA SPEAKS ENGLISH

LINEA DI INTERVENTO 1
REALIZZAZIONE DI PROGETTI PER L'APPRENDIMENTO
DELL'INGLESE ATTRAVERSO LA METODOLOGIA CLIL



Liceo Scientifico "Europa Unita" – Porto Torres

CLIL Maths Module 2 TASKS

Fill the blanks

Complete the following text with ONE correct word from the list (there are more words than necessary).

Binomial cube

									_				
Α				raised	to the	third	powe	er ca	an l	be repr	esente	ed by	a
			com	posed o	of eight					which	fit tog	jether	in
a binom	ial patt	tern	represe	enting t	he cub	e of tw	o num	nbers,	(a ·	+ b).			
Each	side o	of the	cube h	as the	same o	limensi	ions a	nd pa	tteri	n, and	repres	ents t	he
square								-		•	-		
product	of	the	first	term						and	the	seco	nd
			plus tl	ne triple	e produ	ct of t	he sec	ond t	erm	square	d and	the fir	rst
term, _				the	second	l term	raised	d to t	he _				
power.													
•													
term													
first													
second													
cube													
formula													
double													
plus													
square													
squared													
blocks													
trinomial													
binomial													
third													
pattern													



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Fill the blanks - Solution

Binomial cube

A **binomial** raised to the third power can be represented by a **cube** composed of eight **blocks** which fit together in a binomial pattern, representing the cube of two numbers, (a + b).

Each side of the cube has the same dimensions and pattern, and represents the square of (a + b). The **formula** of a binomial cube is the **first** term raised to the third power, plus the **triple** product of the first term **squared** and the second **term**, plus the triple product of the second term squared and the first term, **plus** the second term raised to the **third** power.