

					n (I)		v V		- 1	111				_		<i>a</i> 1 1	1 1			_					r 1 3		1 1	-	and		411			×1 1\)
	Th	е	di	ffe	re	no	е	of	t۷	VO	nı	un	nb	er	S	a a	an	d	b i	S	5.	Th	ei	rs	um	n is	2	27.	Fir	id a	aa	no	d k).			
_																																					
	Th	e	SL	ım	of	t	wc	n	nur	mk	er	S	аа	an	d	b	is	9.	Tł	ne	eir	dif	fe	rei	nce	e is	5 7	'. F	inc	a	an	d	b.				
_																																					
	Th	е	SL	ım	of	t	WC	n	ıur	mk	er	S	a a	an	d	b	is	40	o. ⁻	Tł	nei	rd	iff	er	en	ce	is	18	. F	inc	а	aı	nd	b.			
_																																					





	<u> </u>	
Name:	(acc.	
1 1 U 1 1 1 E :	C1033.	

How to find two numbers based on sum and difference

_1	The difference of two numbers a and b is	5. Their sum is 27. Find a and b.	
	Let's first of all form a two variable	Now, let's substitute the value of a	
	equation with a and b as variables.	in equation 1 above to find b.	
	a - b = 5 1 → the difference of a and b	a + b = 27	
	a + b = 27 2 the sum of a and b	16 + b = 27	
	2a + 0 = 32 1 + 2 → the sum of the 2 equations	16 + b - 16 = 27 - 16	
	2a _ 32	b = 11	
	2 2	So, b = 11	
	a = 16	Therefore, a = 16 and b = 11	
	d - 10	Therefore, a - to alla b - ti	
	Th		
2.	The sum of two numbers a and b is 9. The		
	Let's first of all form a two variable	Now, let's substitute the value of a	-
	equation with a and b as variables.	in equation 1 above to find b.	Sol
	a + b = 9 1 → the sum of a and b	a + b = 9	
	a - b = 7 2 → the difference of a and b	8 + b = 9	
	$2a = 16 1 + 2 \rightarrow \text{the sum of the 2 equations}$	8 + b - 8 = 9 - 8	
	2a = 16	b = 1	
	2 2	So, b = 1	
	a = 8	Therefore, a = 8 and b = 1	
3.	The sum of two numbers a and b is 40. The	neir difference is 18. Find a and b.	
	Let's first of all form a two variable	Now, let's substitute the value of a	
	equation with a and b as variable.	in equation 1 above to find b.	
	$a + b = 40 \dots 1$ the sum of a and b	a + b = 40	
	a - b = 18 2 → the difference of a and b		
	$2a = 58 \text{ (1)} + (2) \rightarrow \text{the sum of the 2 equations}$	29 + b = 40	
		29 + b - 29 = 40 - 29	
	2a = 58 2 2	b = 11	
		So, b = 11	
	a = 29	Therefore, a = 29 and b = 11	