

	Ν	Name:														Class:											
Surface									ce area of cubes and rectangular prisms)-			
Fir	nd t	he	sui	fac	e a	rea	of	the	CL	be	be	low	<i>i</i>														
				/	_	8 fe	eet																				
			ļ	8	feet		-	3 fee	et																		
					1000																						
	nd t		sui	rfac	e a	rea	of	ead	ch i	ect	tan	gul	ar p	oris	m a	and	cub	e b	elo	W.	Tic	k th	ne i	mos	st c	orre	ct
a.	A	cub	e is	5 7 1	feet	hic	gh.	Wh	nat	is t	he	sur	fac	e a	rea	of t	he c	cube	e?								
		81						29							fee					01	fee	+					
		01	100					23	4 10	Jet				OI	ree					94	166						
b.	A	cub	e is	5 5	mm	Wi	de.	WI	hat	is	the	sur	fac	e a	rea	of	the (cub	e?								
		15	0 m	nm				27	mr	n^2				150) m	m ²] 9	m	m						
																											-
C.								s 8	in I	ong	g, 2	in	wic	le, a	and	7 ir	n hig	gh. v	wh	at i	s th	e s	urf	ace	are	ea o	f th
					pris	sm:																					
		17:	2 ir	1			Ц	172	2 in	2			Ц	86	in ²] 1	72							



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in	d t	ne :	sur	fac	e a	rea	of	the	CU	be	be	low.																
							200							Ac	cub	e h	nas	6 id	der	ntic	al f	ace	es.					
						8 fe	et							Ead	ch	fac	e is	as	squ	are	e, so	o fi	nd	the	e th	e a	rea	
			ſ										L	of	one	e fa	ice.											
							ı																					
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			L	8	feet		8	3 fe	et				_							Are	ea =	si	de	x s	ide.			
													_				8 f	eet		Are	ea =	8	fee	t x	8 f	eet		
													0	fee	o.t					Are	ea =	64	4 sc	qua	re	fee	ţ	
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						- 8				in .		hav	e th	ne s	sur	tac	e a	rea										
		Sur	tac	e a	irea	1 =	04	x 6	= 3	884	te	et².						+										
	So,	the	e su	ırfa	се	are	a c	of th	ne c	cub	e is	384	4 sc	luai	re t	fee	t.											
n	d ti	ne s	urf	ace	e ar	'ea	of e	eac	h re	ecta	anc	ular	pri	sm	an	d c	ube	e be	elo	w.	Tick	< th	e r	nos	st c	orr	ect	an
	A	ub	e is	7	fee	t hi	gh.	W	hat	is t	he	surf	ace	are	ea	of	the	cul	be?)								
				81	fee	et_			V	29	4 f	eet²				81	feet	-2				29	4 f	eet				
•	Ac	ub	e is	5 1	mm	W	de.	W	hat	is	the	surf	ace	ar	ea	of	the	cu	be	?								
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			U	15	0 m	nm			L	27	m	m²			Y	150) m	m ²				9 1	nm					
				12	_						. 57				9 2		10.00		9 55					140				
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