

Answer Keys and Solutions

ANSWER KE	YS	77. June 1. 11. 11. 19. 0	77.	72. untermonigo	77. Imeandige	77. Indemedigi	Two internettings 74
. (2)	2. (3)	3. (4)	4. (3)	5. (4)	6. (4)	7. (1)	8. (3)
(3)nathong	10. (1) athongo						
(2) Given T	'is a set of all Triangle	es and I is the set of i	all isosceles triangle	s			
	e triangles are not isoso		///				
T	U						
	mathongo						
(3)	o /// mathongo						
A	a b c B						
matholog	d e f						
Inathong	o C mathongo						
Given							
n(B)=13	$\Rightarrow a+b+d+e = 1$ $\Rightarrow b+c+e+f = 1$	7// mathongo					
` ′	$\Rightarrow d + e + f + g = 16$ = $3 \Rightarrow b + e = 3$						
	$=6\Rightarrow e+f=6$						
	$=5 \Rightarrow d+e=5$						
Solving all	$C) = 2 \Rightarrow e = 2$ equations, we get						
	$3, f = 4, b = 1, a = 4^c \cap (BAC)$						
$B\Delta C = b - A^c \cap (B\Delta C)$	+c+d+g						
,	,	13 ^{//} mathongo					
(4)							
	Mathematics, $P \rightarrow \text{Phys}$ total students $= 200$	sics, $C \rightarrow$ Chemistry mathongo					
	0, n(P) = 90, n(C) =						
$n(M\cap P)=$	$= 50, n(M \cap C) = 50,$ n(C) = 38	$n(P \cap C) = 43$					
	amber of students taking						
n(M)+n(H	$(P)+n(C)-2n(M\cap P)$	$){-}2n(P\cap C){-}2n(N$	$(M\cap C) + 3n(M\cap P)$	$\cap C$) mathemas			
= 120 + 90 $= 98$	0 + 60 - 2(50) - 2(50)	-2(43)+3(38)					
Given set is	$\{(a,\ b)\ : 2a^2+3b^2=$	$=35,\;\;a,\;b\in Z\big\}$					
	that, $2(\pm 2)^2 + 3(\pm 3)^2$						
							///. mathongo //
	tation in the Roster for 8 elements in the set.	m in terms of ordere	d pairs, $\{(2, 3), (2$	-3),(-2, -3),(-2, 3), (4, 1), (4	, -1),(-4, -1),(-4, 1)}



Answer Keys and Solutions

