Angeles City Science High School

Mathematics 9

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Adenine

Section: 9 -

Activity A: 1: $b^2 = (25)^2 + (36)^2 - 2(25)(3)$ $b^2 = (25)^2 + (36)^2 - 2(25)(3)$ b = 32.80 units) 6)(costa)
-> 32.80 25 Sin 62° sin A	To the same of the
18000 SIDIOS 87	2012
-> 32.80 sin A = 25 sin 62°	- 3 D S - 2 D
$A = \sin^{-1}\left(\frac{28\sin 62^{\circ}}{32.86}\right)$	2051335
JA = 42.30°	(250202)1-
C=180-(42.30+200)	1,86
[c=75.70°]	1000 100 400

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2. a2 = b2+c2 - 2bc (605A)
- 1a2 = 1(14)2+(18.5)2-2(14)(185) (60549)
   19=14 89 Units]
 >14,09 = 14
sin49 sinB
 -> 14.09 sin B = 14 sin 49
 -> B = sin-1 (Msin49)
     C= 180-(48.58+49)
     TC- 82.42°
3. cos A= b2+c2-a2
    A= 121.860
                             C= 180-(121.86+39.57)
 -7 sin 121.86° sin B

-2 125in B = 95in 86 |21.860
       B = sin-1 ( 4sin 12 1 860)
       B=39.57°
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