Angeles City Science High School Mathematics 9

Name: Paul Gerald D. Pare Section: 9 - Adenine

Practice B.	
Consider to	
the ealls in the	right and
to thowing questions.	gra answer
the collowing questions.	1312 DARTA AL
1. Given MA = 3y-2 IV = HT = 2y +3 A What is the value of y 3y-2+2y+3=8	8 cm
11 = 24 +3	and Na Sangara
A What is the value of u	7
3y-2+2y+3=8	Almor Wallet
1	AND THE MOSSIFER
2 (5y+L = 8)	334011
X4 ATTACA SOLUTION	CHIVEN TO KENHT F DV - S
5y+1=16	Missing the volume
	91 - 010 x 5 + 3 - x 5
5y=16-1	Suran
54=15	Q01-24x2
sy = 16-1 sy = 15	3- 391 - x2
Ty = 3	381 32
	3
B. solve for MA and HT	16 2 19
MA = 3y - 2 $HT = 2y + 3$	
MA = 3(3) -2 HT = 2(3)+3	THOUSAN TOR TYPES &
MA = 9-2 HT = 6+3	1 2= (CC) 0 = THM AM
MA = 7cm [HT = 9cm]	
Ton James	7-30 = THM Sm
	1 20 to STUM STA
C. Which theorem justices	your answer!
Theorem or Median of a	
	Theorem
biorsylver trapped	Sapon State of

2 Given LHMA=150
OA. What is mETAM?
MLTAM=IIS]
B. W
B. which theorem justifies your answer?
Theorem 1
- The base angles of an isosceles
trapezoid are congruent.
5. Given: m & MHT = 2x - 5 and m L MAT = 3x + 10
That is the value of x?
2x-5+3x+10=180
5x+5=100
218 %
5x = 160-5
5x= 176
5
1x = 35
B. Solve for mLMHT and mLMAT
$m \leq MHT = 2x - 5$ $m \leq NNAT = 3x + 10$
m L M HT = 2 (35) -5 m L M AT = 3 (35)+10
M = 70-5 M L MAT = 105+10
M = MHT = 68 65 M L MAT = 115]
Carried and a state of the stat
C. Which theorem justicles your answer?
Theorem 2
- Opposite angles in an isoceles trapezoid
are supplementary.

Given: Quadrilateral PLAY

4. Criven PA = 12 cm and LY = 6 cm

A: What is the grea of kite PLAY?

A = 12(6)

2

A = 12(6)

B. Which theorem justifies your answer?

Theorem S

Theorem S

The area of a kite is half the product of the lengths of its diagonals.