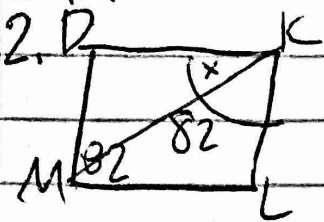


# Day of Practice Master ☺

1.  $DK = KL = 8$



$x = \frac{1}{2} \theta = 41$  b/c diag. bisect opp.  $\angle$ s.

3.  $\angle KAL = 90 = 2x - 8$

$98 = 2x$

$49 = x$

4.  $DA = AL$   $4x = 5x - 3$

$-x = -3 : x = 3$

$DL = DA + AL$

$4x + 5x - 3 = 24$

$9x - 3 = 9(3) - 3$

5. same as 4  $AD = 4x = 4(3) = 12$

6.  $DM = DK$   $5y + 2 = 3y + 6$

$2y = 4$

$y = 2$

$KL = DM = 5(2) + 2$

$10 + 2 = 12$

omit 7-11

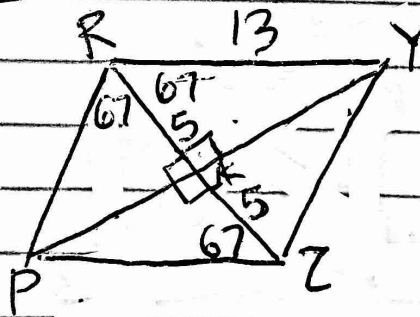
1.  $KY =$

$KY^2 + 5^2 = 13^2$

$KY^2 + 25 = 169$

$KY^2 = 144$

$KY = 12$



2.  $PK = KY = 12$

3.  $\angle YKZ = 90^\circ$

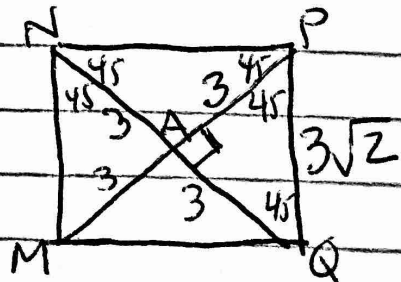
4.  $\angle PZR = 67^\circ$

5.  $AQ = 3$

6.  $\angle APQ = 45^\circ$

7.  $\angle MNP = 90^\circ$

8.  $PM = 6$



It's a 45-45-90  $\Delta$ !

