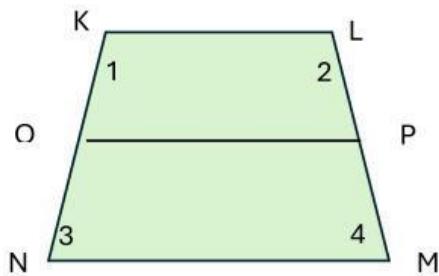


ACTIVITY CARD

Read and answer the following questions.

A. Given Isosceles trapezoid KLMN with median OP.



1. What segment is congruent to \overline{KN} ?
2. $\angle 1 \cong$ ____.
3. If $m\angle 3 = 68$, then what is $m\angle 4$?
4. If $m\angle 3 = 68$, then what is $m\angle 2$?
5. If $m\angle 3 = 3x - 5$ and $m\angle 4 = x + 21$, then what is $m\angle 4$?
6. If $KM = 17$ cm, what is LN ?
7. If $\angle 1 = 2(y + 4)$ and $\angle 2 = 116$, what is y ?
8. If $KM = 2x + 10$ and $LN = 4x - 6$, what is KM ?
9. If $OP = x$, $KL = 10$ and $MN = 18$, then what is x ?
10. If $KL = x - 4$, $OP = 40$ and $MN = 61$, what is x ? What is KL ?