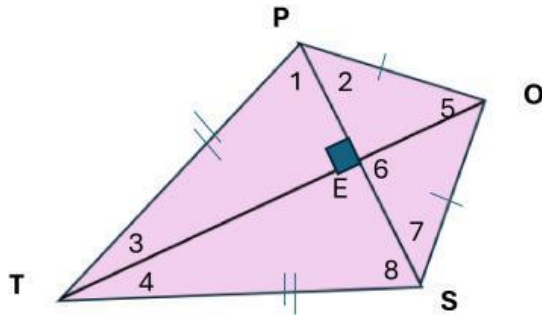


ACTIVITY 3

Refer to kite **POST** and answer the following questions.



1. If $PO=9$ cm, then $OS=$ _____ cm.
2. If $PT=11$ cm, then $ST=$ _____ cm.
3. If $PE=6$ cm, then PS is _____ cm.
4. If TO is 18cm, $PS =10$ cm, then What is the area of kite $POST$?
_____ cm^2 .
5. If the area is 100 square centimeters and $PS= 8$ cm, then how long is TO ?
_____ cm.
6. If $m\angle 1 = 65$ degrees, then
 - a. what is $m\angle 3$? _____ degrees
 - b. What is $m\angle 4$? _____ degrees
 - c. What is $m\angle 8$? _____ degrees
7. If $m\angle 2 = 48$ degrees, then
 - a. What is $m\angle 7$? _____ degrees
 - b. What is $m\angle 5$? _____ degrees

**Choose your answers
here!**

90

12

11

25

65

25

42

9

48