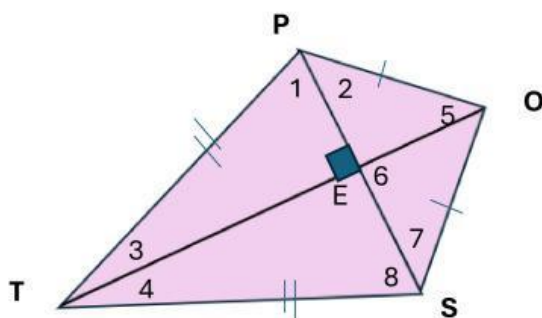Refer to kite **POST** and answer the following questions.

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