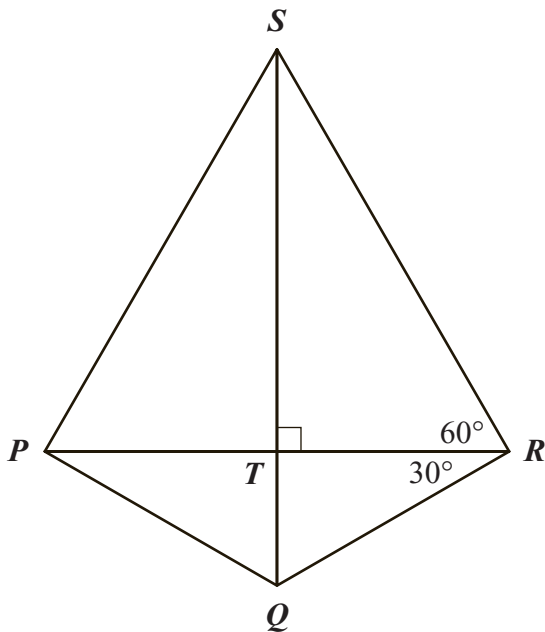


Kite $PQRS$ has diagonals that intersect at point T . The kite and some of its angle measures are shown in the diagram below.



The length of \overline{RS} is 20 centimeters.

- What is the length, in centimeters, of \overline{PS} ? Show or explain how you got your answer.
- What is the length, to the nearest tenth of a centimeter, of \overline{ST} ? Show or explain how you got your answer.
- What is the length, to the nearest tenth of a centimeter, of \overline{TQ} ? Show or explain how you got your answer.
- What is the perimeter, to the nearest tenth of a centimeter, of kite $PQRS$? Show or explain how you got your answer.