

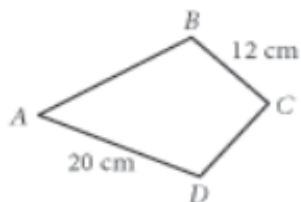
Use your new conjectures to find the missing measures.



for Exercises 14–16

- 1.
- $ABCD$
- is a kite.

perimeter = ?



2.  $x = \underline{\quad?}$   
 $y = \underline{\quad?}$

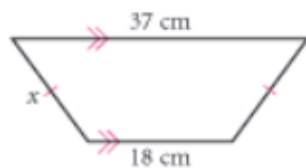


3.  $x = \underline{\quad?}$   
 $y = \underline{\quad?}$



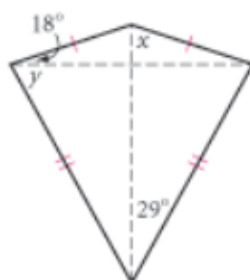
4.  $x = \underline{\quad?}$

perimeter = 85 cm



5.  $x = \underline{\quad?}$

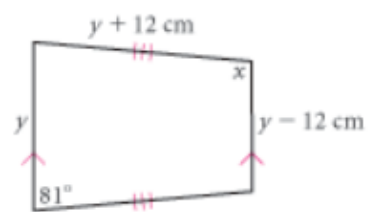
$y = \underline{\quad?}$



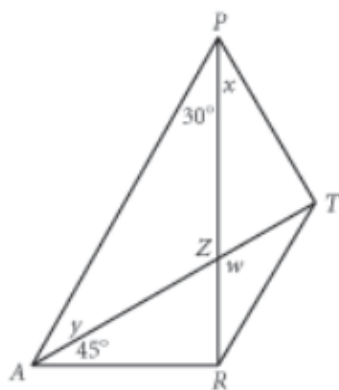
6.  $x = \underline{\quad?}$

$y = \underline{\quad?}$

perimeter = 164 cm



7.  $ARTP$  is an isosceles trapezoid with  $RA = PT$ .  
Find  $w$ ,  $x$ , and  $y$ . 



8.  $FLYE$  is a kite with  $FL = LY$ . Find  $w$ ,  $x$ , and  $y$ .

