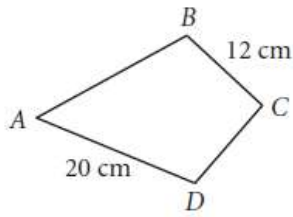
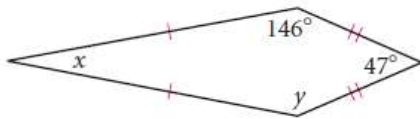


Find the missing measures.

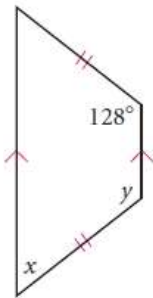
1. $ABCD$ is a kite.
perimeter = _____



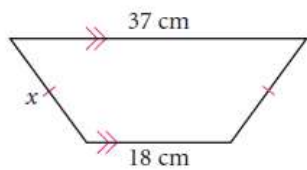
2. $x =$ _____
 $y =$ _____



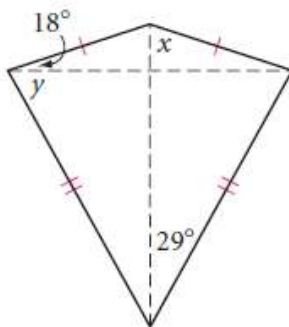
3. $x =$ _____
 $y =$ _____



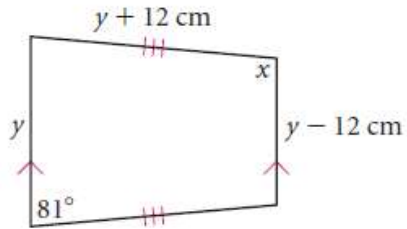
4. perimeter = 85 cm
 $x =$ _____



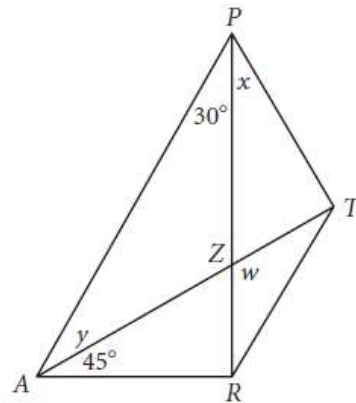
5. $x =$ _____
 $y =$ _____



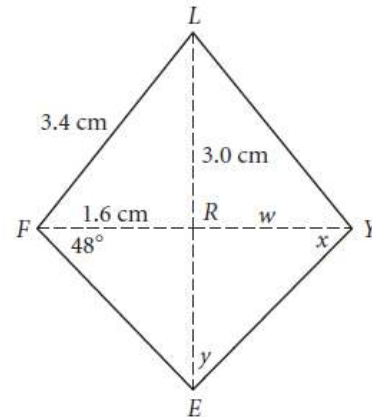
6. perimeter = 164 cm
 $x =$ _____
 $y =$ _____



7. $ARTP$ is an isosceles trapezoid with $RA = PT$.
 $w =$ _____
 $x =$ _____
 $y =$ _____



8. $FLYE$ is a kite with $FL = LY$.
 $w =$ _____
 $x =$ _____
 $y =$ _____



9. Sketch and label kite $KITE$ with vertex angles $\angle K$ and $\angle T$ and $KI > TE$.

a. Which angles are congruent?

10. Sketch and label trapezoid $QUIZ$ with one base \overline{QU} .

a. What is the other base?

b. Name the two pairs of base angles.

11. Sketch and label isosceles trapezoid $SHOW$ with one base \overline{SH} .

a. What is the other base?

b. Name the two pairs of base angles.

c. Name the two sides of equal length.

12. Calculate the measure of each lettered angle. Explain how you determine measures e and g .

