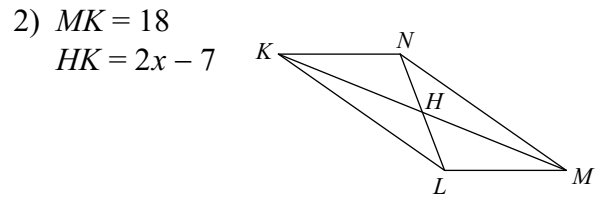
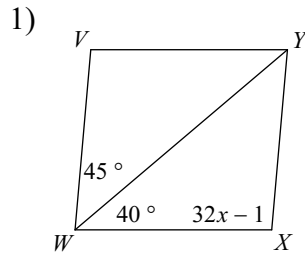


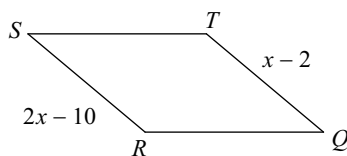
SM2 HW #7-4 (Parallelograms, Isosceles Triangles)

Solve for x . Each figure is a parallelogram.

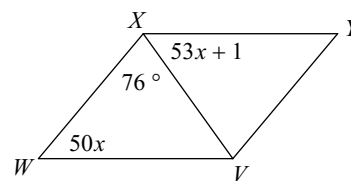


Find the measurement indicated in each parallelogram.

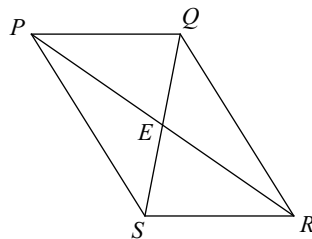
3) Find RS



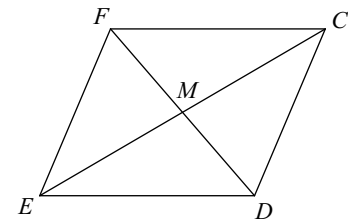
4) Find $m\angle WXY$



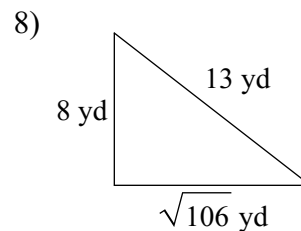
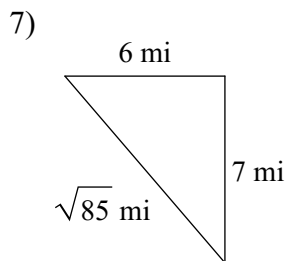
5) $QE = 2x + 15$
 $ES = x + 15$
 Find QE



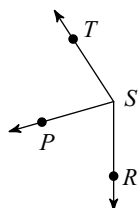
6) $DM = 4x + 1$
 $MF = 5x - 1$
 Find DF



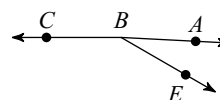
State if each triangle is a right triangle.



9) $m\angle PST = 73^\circ$ and $m\angle RSP = 74^\circ$.
 Find $m\angle RST$.

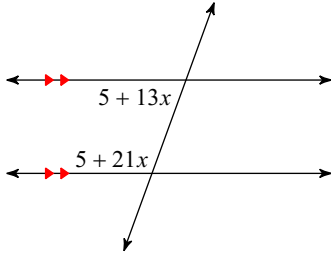


10) $m\angle ABE = 27^\circ$ and $m\angle EBC = 150^\circ$.
 Find $m\angle ABC$.



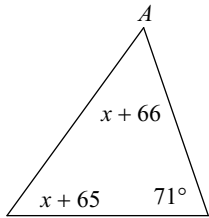
Solve for x .

11)



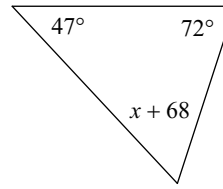
Find the measure of angle A. (1 point for your equation, 1 point for the correct answer.)

13)



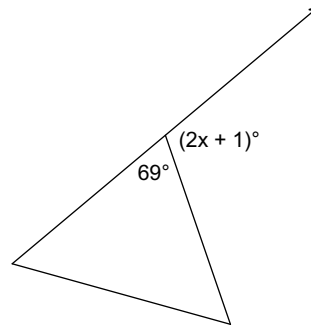
Solve for x . (1 point for your equation, 1 point for the correct answer.)

12)



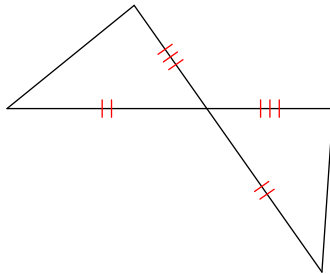
Find the value of x .

14)



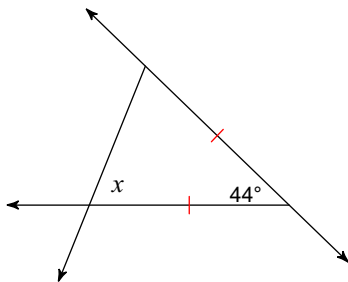
State if the two triangles are congruent. If they are, state how you know (SSS, SAS, AAS, or ASA)

15)



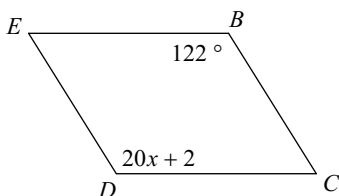
Find the value of x .

16)

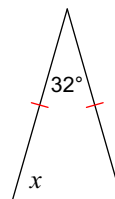


Solve for x . Each figure is a parallelogram.

18)



17)



Find the measurement indicated in each parallelogram.

19) Find $m\angle C$

