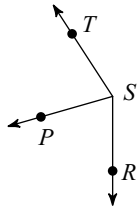


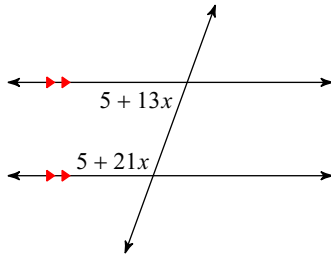
SM2a HW #8-7 (Isosceles Tri's and Tri. Sum Thm.) Date _____ Period _____

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



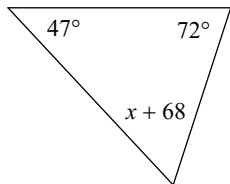
Solve for x .

- 3)

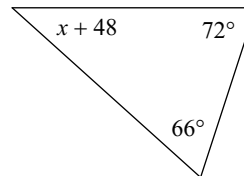


Solve for x . (1 point for your equation, 1 point for the correct answer.)

- 4)

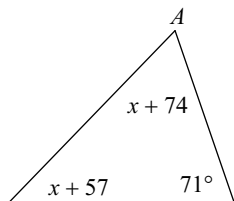


- 5)

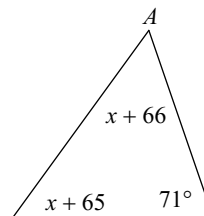


Find the measure of angle A. (1 point for your equation, 1 point for the correct answer.)

- 6)

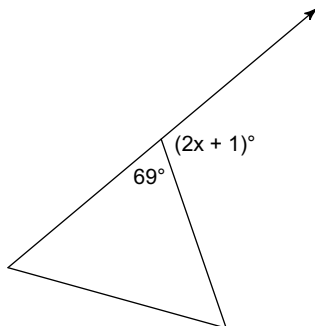


- 7)

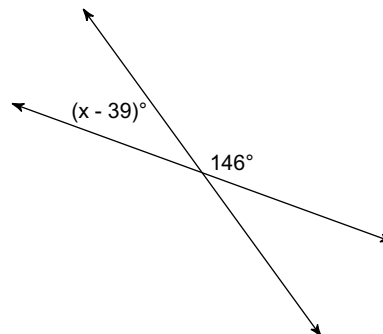


Find the value of x .

- 8)

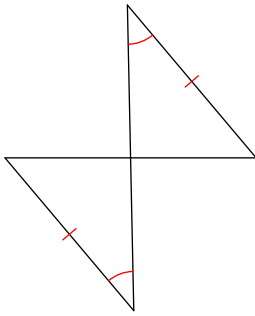


- 9)

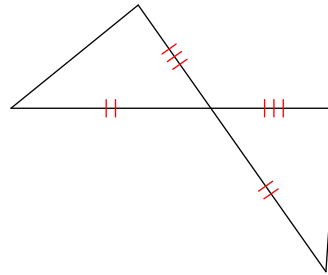


State if the two triangles are congruent. If they are, state how you know (SSS, SAS, AAS, or ASA)

10)

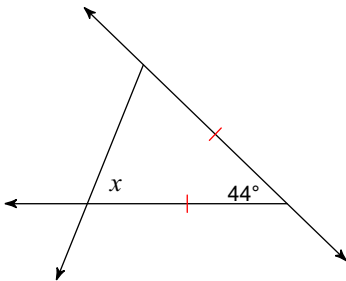


11)

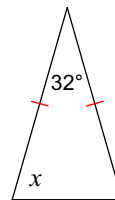


Find the value of x .

12)

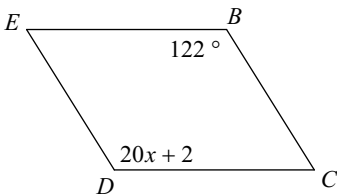


13)



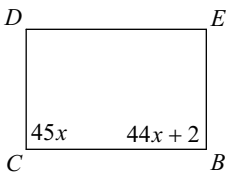
Solve for x . Each figure is a parallelogram.

14)



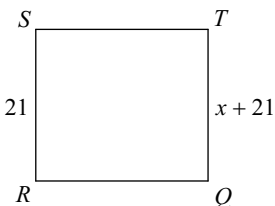
Find the measurement indicated in each parallelogram.

15) Find $m\angle C$



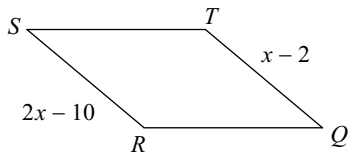
Solve for x . Each figure is a parallelogram.

16)



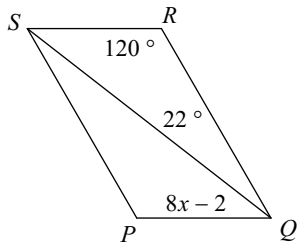
Find the measurement indicated in each parallelogram.

17) Find RS



Solve for x . Each figure is a parallelogram.

18)



19)

