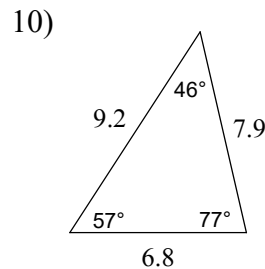
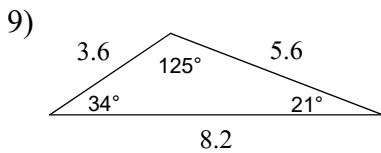
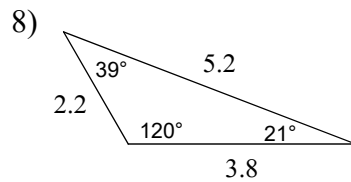
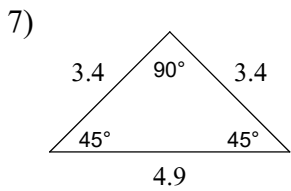
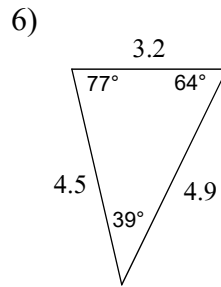
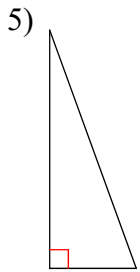
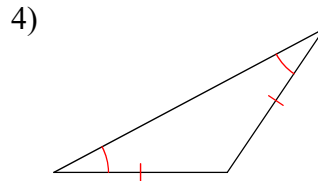
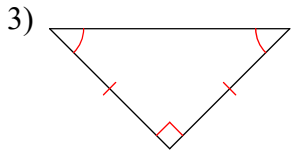
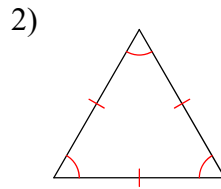
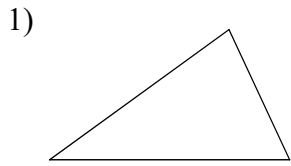
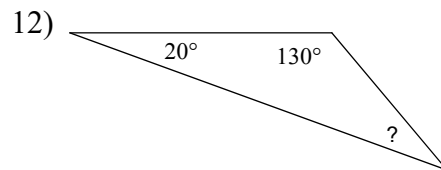
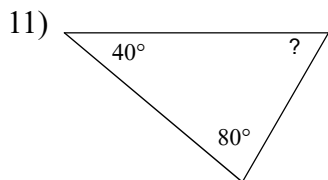


Sem2 - practice TEST 3 (Unit 7) Triangles

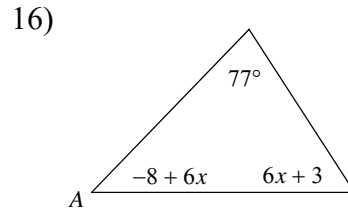
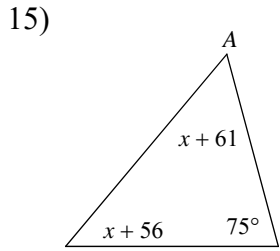
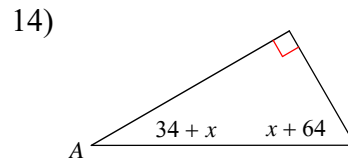
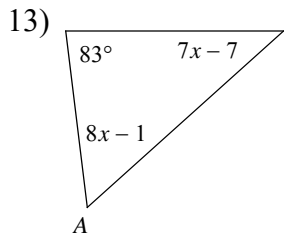
Classify each triangle by its angles and sides.



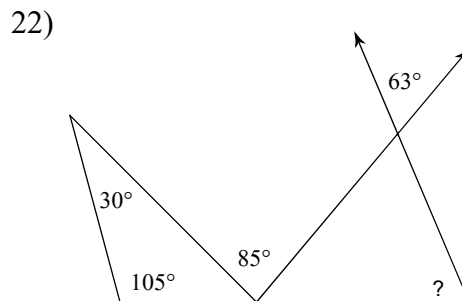
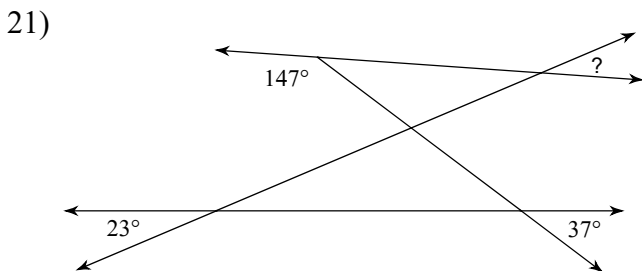
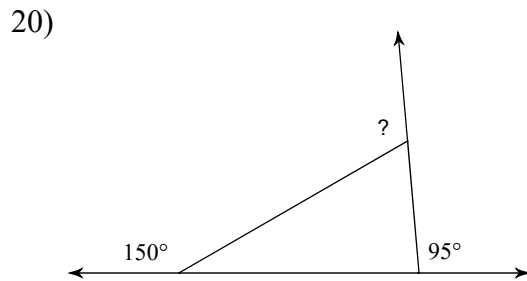
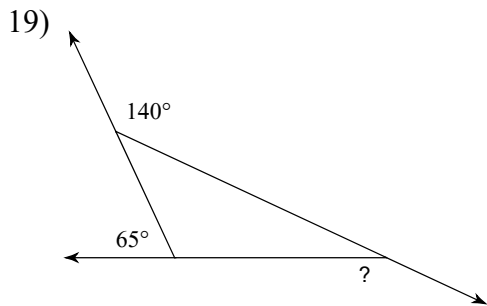
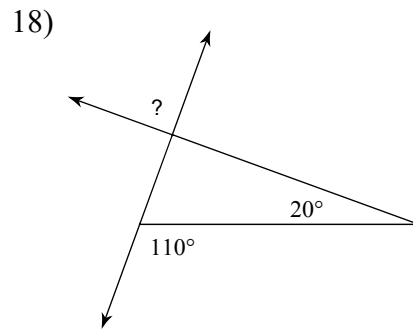
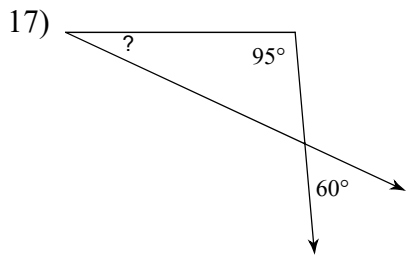
Find the measure of each angle indicated.



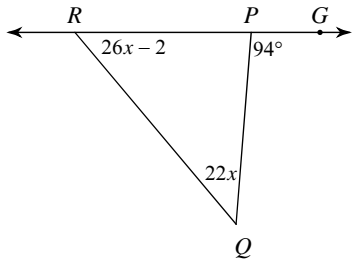
Find the measure of angle A.



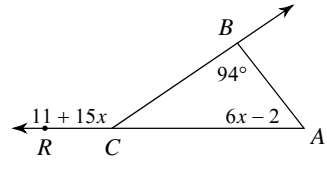
Find the measure of the angle indicated.



23) Find $m\angle Q$.

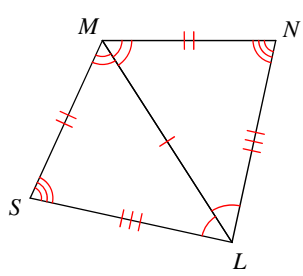


24) Find $m\angle RCB$.



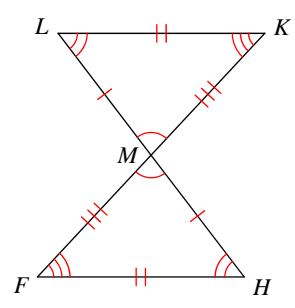
Complete each congruence statement by naming the corresponding angle or side.

25) $\triangle LMN \cong \triangle LMS$



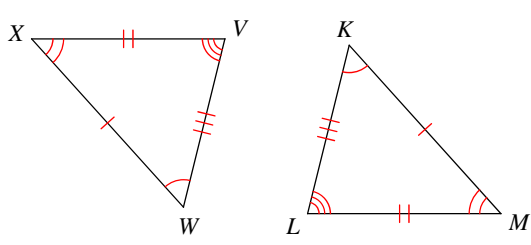
$\overline{MN} \cong ?$

26) $\triangle MLK \cong \triangle MHF$



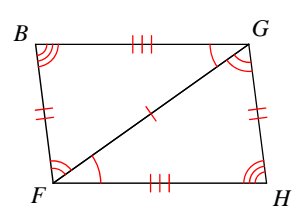
$\angle KML \cong ?$

27) $\triangle WXV \cong \triangle KML$



$\overline{XV} \cong ?$

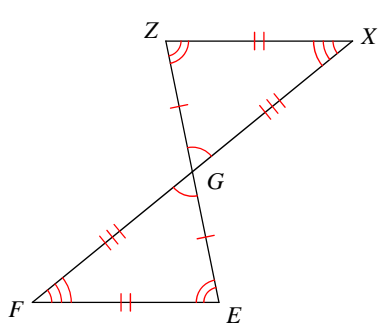
28) $\triangle FGH \cong \triangle GFB$



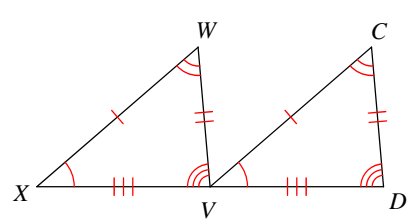
$\angle HFG \cong ?$

Write a statement that indicates that the triangles in each pair are congruent.

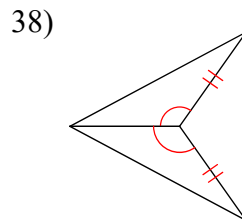
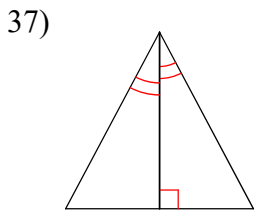
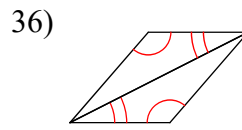
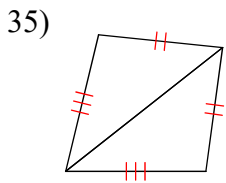
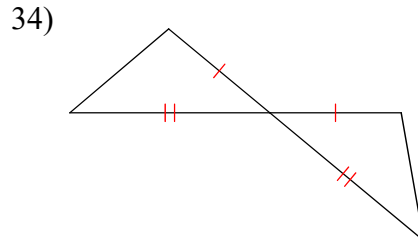
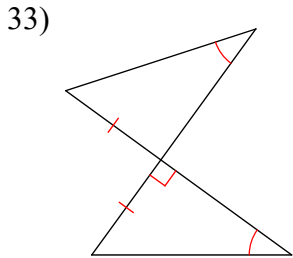
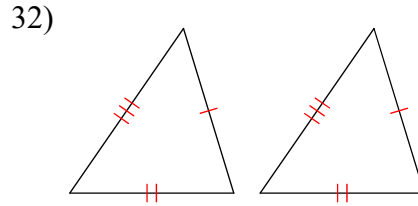
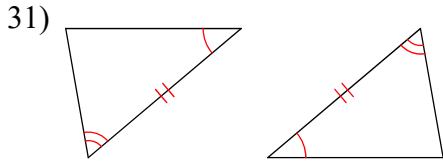
29)



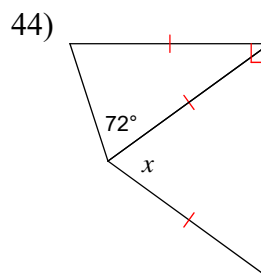
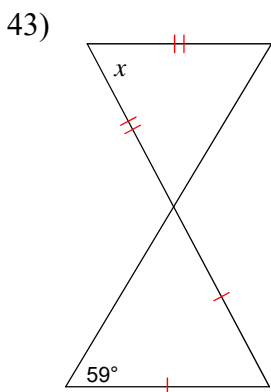
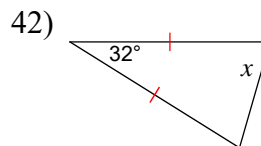
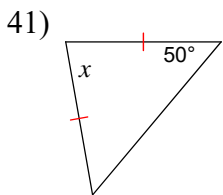
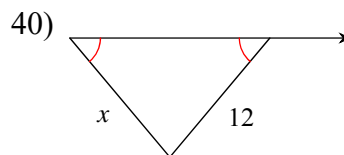
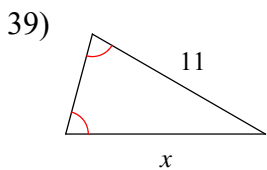
30)



The following triangles ARE congruent. State how they are congruent. For your answer, write either SSS, SAS, AAS, or ASA.



Find the value of x .



Answers to Sem2 - practice TEST 3 (Unit 7) Triangles

- | | | | |
|---|---|---------------------|---------------------|
| 1) acute scalene | 2) equilateral | 3) right isosceles | 4) obtuse isosceles |
| 5) right scalene | 6) acute scalene | 7) right isosceles | 8) obtuse scalene |
| 9) obtuse scalene | 10) acute scalene | 11) 60° | 12) 30° |
| 13) 55° | 14) 30° | 15) 55° | 16) 46° |
| 17) 25° | 18) 90° | 19) 155° | 20) 115° |
| 21) 27° | 22) 67° | 23) 44° | 24) 146° |
| 25) \overline{MS} | 26) $\angle FMH$ | 27) \overline{ML} | 28) $\angle BGF$ |
| 29) $\triangle GEF \cong \triangle GZX$ | 30) $\triangle XWV \cong \triangle VCD$ | 31) ASA | 32) SSS |
| 33) AAS | 34) SAS | 35) SSS | 36) AAS |
| 37) ASA | 38) SAS | 39) 11 | 40) 12 |
| 41) 80° | 42) 74° | 43) 62° | 44) 72° |