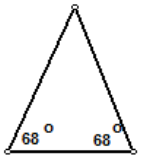
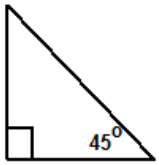
**REVIEW TRIANGLES AND CONGRUENT TRIANGLES**

**IDENTIFY EACH TRIANGLE. USE EVERY NAME THAT APPLIES.**

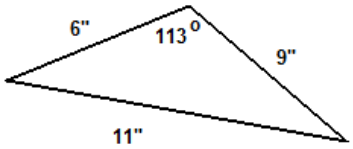
**1)**



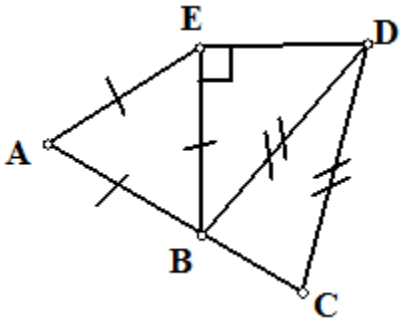

**2)**




**3)**




**REFER TO THE FOLLOWING FIGURE TO NAME THE FOLLOWING.**




**4)** Name and equilateral triangle.

**5)** Name a hypotenuse.

**6)** A is called a what of △ABE?

**7)** Name a right angle.

**8)** Name a pair of complementary angles.

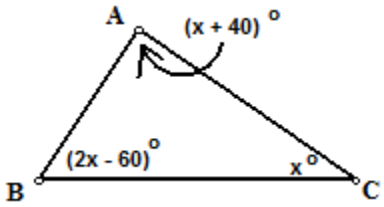
**9)** Name an isosceles triangle.

**10)** Name a pair of base angles.

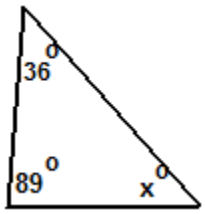
**11)** Name a vertex angle.

**FIND A VALUE FOR *x* AND THE INDICATED ANGLE MEASURES.**

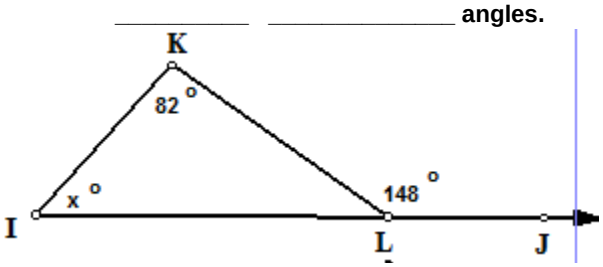
**12)** *x* = _____; m< A = _____;
m< B = _____; m<C = _____




**13)** *x* = _____

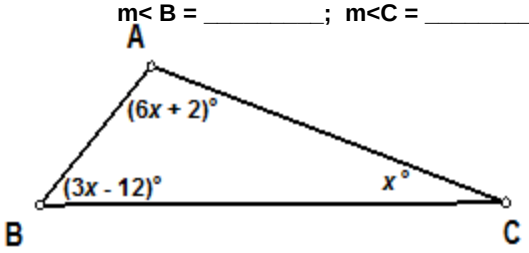



**14)** *x* = _____ < KLJ is the _____ angle of the triangle. < I and < K are its _____ _____ angles.

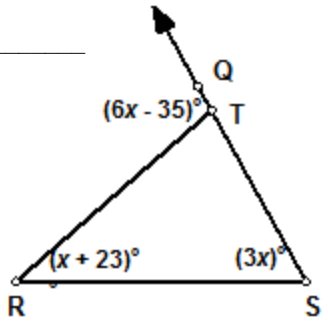



**FIND A VALUE FOR *x* AND THE INDICATED ANGLE MEASURES.**

**15)** *x* = _____; m<A = _____
m< B = _____; m<C = _____




**16)** *x* = _____; m<R = _____
m<S = _____;
m<RTS = _____
m<RTQ = _____




**17)** What does CPCTC stand for?

**18)** List 4 ways to prove two triangles are ≅.

**19)** List 1 way to prove right triangles are ≅.

**20)** What is the relationship between LL and SAS?

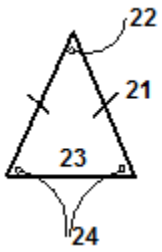
**FOR EACH TRIANGLE BELOW, GIVE THE NAME FOR EACH NUMBERED PART.**

**21)** _____

**22)** _____

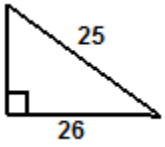
**23)** _____

**24)** _____




**25)** _____

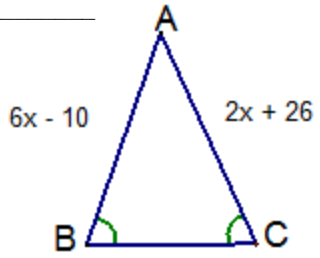
**26)** _____



**FIND A VALUE FOR x AND THE INDICATED ANGLE MEASURES.**

**27)** x = _____; AB = _____

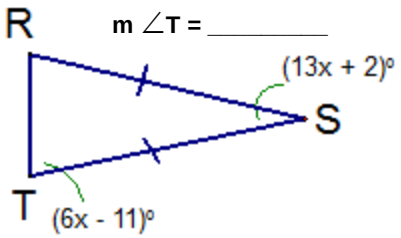
AC = _____




**28)** x = _____; m ∠R = _____

m ∠S = _____

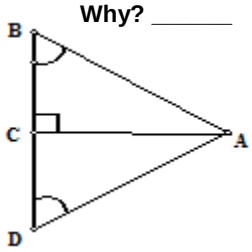
m ∠T = _____




**DETERMINE WHETHER EACH PAIR OF TRIANGLES ARE CONGRUENT. IF THEY ARE CONGRUENT, STATE THE METHOD USED AND FINISH THE CONGRUENCE STATEMENT. IF THERE IS NOT ENOUGH INFORMATION TO DETERMINE CONGRUENCY, WRITE "NEI".**

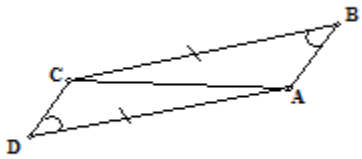
**29)** △ABC = △_____;

Why? _____



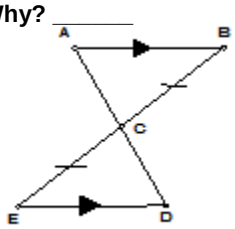

**30)** △ABC = △_____;

Why? _____



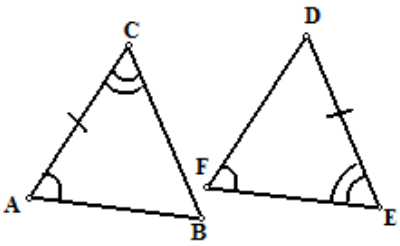

**31)** △ABC = △_____;

Why? _____



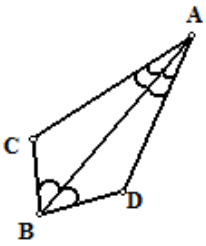

**32)** △ABC = △_____;

Why? _____



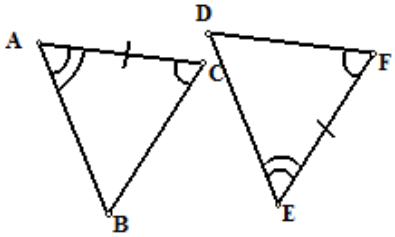

**33)** △ABC = △_____;

Why? _____



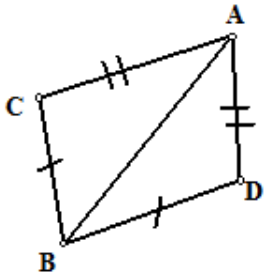

**34)** △ABC = △_____;

Why? _____



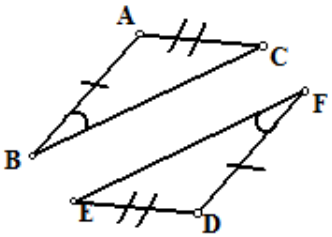

**35)** △ABC = △ _____;

Why? _____




**36)** △ABC = △ _____;

Why? _____




**37)** △ABC = △ _____;

Why? _____