Name				
		triangle has no equal sides. All of its sides are		
different len	gths.			
2) A	tria	_ triangle has one 90 degree angle. This angle is		
called a righ				
3) An	tria	ngle has three ar	ngles less than 90 degrees.	
All of its and	gles are acute.			
4) An	tria	_ triangle has two equal sides. Two of its sides are		
congruent; t	the third side is a	different length.		
5) An	tria	_ triangle has one angle greater than 90 degrees.		
This is calle	d an obtuse angle	Э.		
6) An	tria	ngle has three ed	qual sides. All of its sides are	
congruent.	This means they	are the same ler	ngth.	
A regular hexag	gon has sides totali	ng 72 inches in len	gth. What is the length of 1 side?	
a. 6	b. 7	c. 12	d. 24	
A regular octag	on has sides totali	ng 48 inches in len	gth. What is the length of 1 side?	
a. 8	b. 6	c. 12	d. 7	



13) Congruent means:

- a) having different measurements
- b) having the same measurements

14) Incongruent means:

- a) having the same measurements
- b) having different measurements

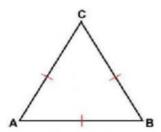
15) Congruent sides and angles will have:

- a) the same number of lines or arcs on them
- b) different numbers of lines or arcs on them

16) incongruent sides and angles will have:

- c) different numbers of lines or arcs on them
- d) The same numbers of lines or arcs on them

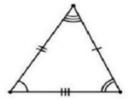
17) The congruency marks on triangle ABC mean:



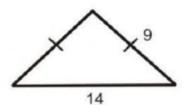
- a) all three sides are incongruent
- b) just two sides are congruent
- c) All three sides are congruent

18) If all three sides are congruent, triangle ABC is a(n)	triangle
io) il ali tillee sides ale congruent, triangle ABC is a(ii)	uiai

- a) scalene
- b) right
- c) equilateral
- 19) In the triangle below, the congruency marks show that:



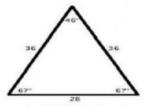
- a) all sides and angles are incongruent
- b) some sides and angles are congruent
- c) all sides and angles are congruent
- 20) If all three sides and angles are incongruent, it is a(n) ______ triangle.
 - d) scalene
 - e) acute
 - f) obtuse
- 21) In the triangle below, the right side measure is 9 so the left side measure is:



- a) also 9
- b) 14
- c) cannot be determined by the information given
- 22) Since the triangle above has two congruent sides, it is a(n) _____ triangle.
 - a) equilateral
 - b) right
 - c) isosceles

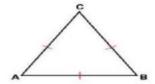


23) In the triangle below, you can tell from the number measurements that:



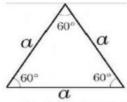
- a) all sides and angles are congruent
- b) two sides are congruent
- c) two angles are congruent
- d) both b and c are correct

24) If side AC of the triangle below measures 11 inches then:

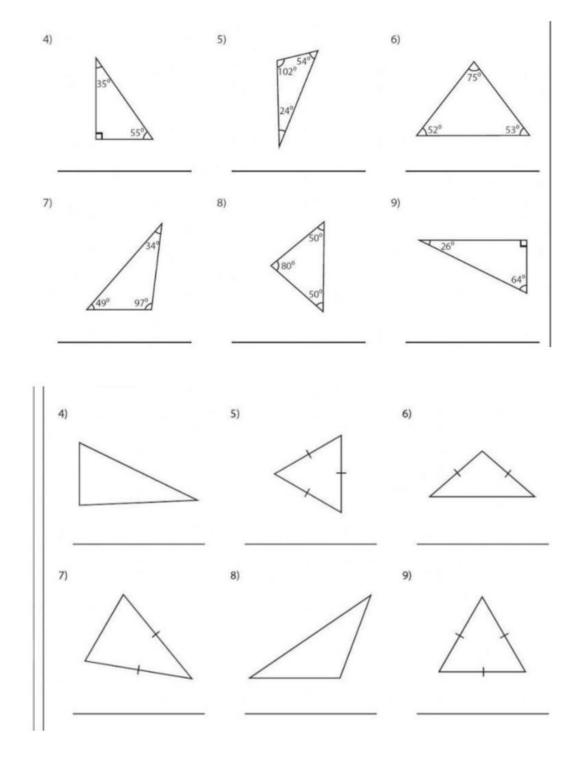


- a) sides CB and AB do not measure 11 inches
- b) sides CB and AB also measure 11 inches
- c) cannot be determined from the information given

25) On the triangle below, the letter a is used to represent the measure of the sides instead of congruency marks. Since all sides have the same letter, this means that:



- a) all sides have the same measure
- b) all sides have different measures
- c) cannot be determined from the information given



#LIVEWORKSHEETS