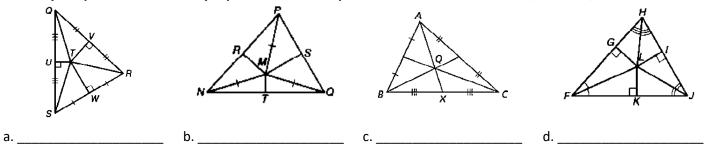
Name: ______

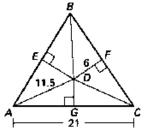
	Center	Incenter	Vertices
	Circumcenter	Angles	Sides
. The name o	of the point of concurrency for t	the angle bisectors of a trian	gle is called a(n)
o. The incente	er of a triangle is equidistant fro	om the	of the triangle.
. To circumsc	ribe a circle about a triangle, y	ou use the	·
l. To inscribe	a circle about a triangle, you us	se the	·
e. The name o	of the point of concurrency for	the perpendicular bisectors of	of a triangle is called a(n)
	enter of a triangle is equidistar	nt from the	of the triangle
. The diagram	n below illustrates a(n)	n. The dia	gram below illustrates a(n)
	C C	Å	C P C
	k. Circumsenter Incenter Cor		
rogress Check	k – Circumcenter, Incenter, Cer	1trola (F4-F5)	lame:
•	-	ts using the word bank below	w to help you. Words may be use
•	ce, or not at all. Center	Incenter	Vertices
-	ce, or not at all.		
nore than one	ce, or not at all. Center	Incenter Angles	Vertices Sides
nore than one	ce, or not at all. Center Circumcenter	Incenter Angles the angle bisectors of a trian	Vertices Sides gle is called a(n)
nore than one	ce, or not at all. Center Circumcenter	Incenter Angles the angle bisectors of a trian	Vertices Sides gle is called a(n) of the triangle.
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nore than one The name o The incente To circumsc To inscribe The name o	ce, or not at all. Center Circumcenter of the point of concurrency for the point of concurrency for the point of a triangle is equidistant from the point of concurrency for the point of conc	Incenter Angles the angle bisectors of a trian om the ou use the se the the perpendicular bisectors o	Vertices Sides gle is called a(n) of the triangle. of a triangle is called a(n)
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2. Classify the point of concurrency represented in each picture as either a circumcenter, incenter, or centroid.

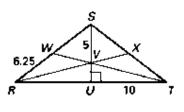


3. Identify each measure using the information given.

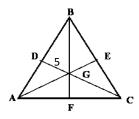
a. The perpendicular bisectors of ΔABC are concurrent at point D.



b. Point V is the centroid of Δ RST.

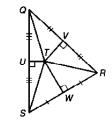


c. The medians of $\triangle ABC$ are concurrent at point G.

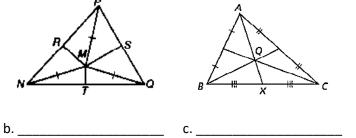


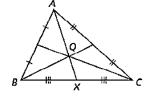
What is the measure of \overline{BD} ? _____ What is the measure of \overline{VU} ? _____ What is the measure of \overline{GC} ?

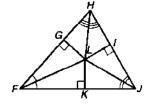
2. Classify the point of concurrency represented in each picture as either a circumcenter, incenter, or centroid.



a.



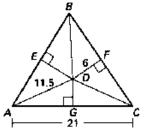




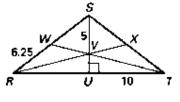
d._____

3. Identify each measure using the information given.

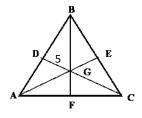
a. The perpendicular bisectors of ΔABC are concurrent at point D.



b. Point V is the centroid of Δ RST.



c. The medians of \triangle ABC are concurrent at point G.



What is the measure of \overline{BD} ? _____ What is the measure of \overline{VU} ? _____ What is the measure of \overline{GC} ? _____