Geometry Chapter 2 Practice Test 3

Name				
Matching				
B. If your store. C. If you are E. If you are E. If you are F. If it isn't e. G. If it isn't well. If it is experience I. If it is well. If it is well. If it is well. K. If you don L. If you are M. If you are N. If you are N. If you are If you are If you are If you are I.	omach omach d n't hun n't hun expensi vell ma l made, ensive, l made, 't like la a winne a winne	growls, then you are hungry. doesn't growl, then you are hungry. oesn't growl, then you are not hungry. gry, then your stomach growls. gry, then your stomach doesn't growl. ve, then it isn't well made. de, then it isn't expensive. then it isn't expensive. then it isn't well made. then it is expensive. Mr. Hickam, you aren't a winner. er, you don't like Mr. Hickam. er, you like Mr. Hickam. nner, then you don't like Mr. Hickam. Mr. Hickam, you are a winner.		
2. If it is	expens	ngry, then your stomach growls. ive, it is well made. r. Hickam, you are a winner.		
In 1-9, use the	possib	le answers A-O to match the letter to the correct statement in the questions.		
	1.	What is the contrapositive of statement 1 above?		
	2.	What is the converse of statement 1 above?		
	3.	What is the inverse of statement 1 above?		
	4.	What is the converse of statement 2 above?		
	5.	What is the contrapositive of statement 2 above?		
	6.	What is the inverse of statement 2 above?		
	7.	What is the converse of statement 3 above?		
	8.	What is the contrapositive of statement 3 above?		
	9.	What is the inverse of statement 3 above?		
	10.	"If you like dogs, you like cats" is represented by $p \rightarrow q$. What would be the symbolic representation of "if you don't like dogs, you like cats"?		

	_ 11.	"If x is odd, then $3 \cdot x$ is even" is represented by $p \rightarrow q$. What is the symbolic representation of "if $3 \cdot x$ is not even, then x is not odd"?
	_ 12.	"If you don't like cold weather, then you will love Florida" is represented by $p \rightarrow q$. What is the symbolic representation of "If you don't love Florida, you will like cold weather"?
	_ 13.	Let p represent $\sqrt{11} = z$, and let q represent z is a rational number. What is a symbolic representation of the statement: "If $\sqrt{11} = z$, then z is not a rational number"?
	_ 14.	What is the contrapostive of $r \rightarrow \sim p$?
	_ 15.	What is the inverse of $\sim r \rightarrow p$?
	_ 16.	Rounded to the nearest whole number, what is the circumference of a circle with a radius of 18 cm?
For 34-36, p: $\angle A$ is ac	-	polic language to represent each statement if q: $\angle B$ is acute n: $\angle C$ is obtuse
	_ 17.	$\angle C$ is obtuse. Therefore, $\angle A$ is acute
	_ 18.	If $\angle A$ is acute or $\angle B$ is acute, then $\angle C$ is not obtuse.
	_ 19.	If $\angle C$ is obtuse, then $\angle A$ is acute and $\angle B$ is acute.
	Figure 1	Figure 2 Figure 3
10	40	8 24 25
	_ 20.	What is the area of Figure 1?
	_ 21.	What is the area of Figure 2?
	_ 22.	What is the circumference of Figure 2?
	_ 23.	What is the perimeter of Figure 3?
	_ 24.	What is the area of Figure 3?
	_ 25.	What is the area of Figure 1?