Name	Date	Period:
	§1.1 The Geometric Syst	<u>em</u>
Today we will learn how to a of synthetic and analytic ge <b>Definitions:</b> Axiom (Postulate)-		sions, and identify examples
Definition-		
Undefined terms-		
Defined term-		
Theorem-		
	d animals are from the val inct classes: mammals, bir	
Rorx	Pax	Awub

A) Categorize the animals.

Birthplace	Mammal	Bird	Reptile
Mountains			
Valleys			

B)	Draw	three	conc	lusions.
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- The \_\_\_\_\_ is a mammal from the mountains of Rythoth.
- The \_\_\_\_\_ is a reptile from the valleys of Rythoth.
- The \_\_\_\_\_ is a bird from the valleys of Rythoth.

Name	Date	P	Period:	
Practice 1.1.2: PLANETS The fict			ns at least 20 plan	ets
including Mothera, Sothera, and k	•	•	•	
Yogul galaxy that contains its bio	me. Lizards an	d scorpions liv	e in the desert.	
Frogs and monkeys live in tropical	l forests. Bear	s and foxes co	an be found in the	
tundra. The biomes of each plane	t are permaneı	nt and will not	change over time.	
·	·		-	
Use the axioms given to determin	ie what			
conclusions can be made about th	e planets of			
Yogul. Select all that apply.	Color Biome		Koth	iera
	desert	Mothera		
	tropical forest			
A) Bears and foxes can live on Sothera.	tundra			
B) Lizards and scorpions can only live	tanara			
on Mothera.		Sothera		
C) Only frogs and monkeys can survive	on Kothera.			
D) Bears and foxes can survive on Soth	iera at temperat	ures as low as $-2$	20°F.	
E) All animals can live on Kothera.	<b>.</b>			
F) Scorpions and Lizards can live on Fo	rnera.			
There are many types of geometr	y The type of	cometry der	oends on different	+
sets of postulates.	y. The type of	geometry dep		•
geometry is the study	of geometric fic	gures	the use of	
It is also known as <b>pur</b> e				
geometry is the study of				
			artesian geometry.	
Example 1.1.3: Classify each figur	re as synthetic	geometry or	analytic geometry	•
A TY	В	†y		
F G C	<i>f</i> .			
D D	C	O x	b	
EDD		<b>1</b>		

Practice 1.1.4: Classify each figure as synthetic geometry or analytic geometry.







