	Name			
Chpt 21.2, 22.3 (Plants part 3)	Date	Hour		
Seed Plants				
Read chapter 21.2 in your text, page 567-569, table 21.1 p568 & p590-592. Fill in the blanks (or answer the questions) below using the information you have read.				
Seed Plants:				
Seeds are a productive method o	f reproduction than	spores in a		
environment.				
All seed plants have	·			
2 types of Cood Plants				
2 types of Seed Plants: 1. Non-flowering =	which means "	seed"		
2. Flowering =				
Non-flowering Seed Plants: (p567-569		590-592)		
means "	seed"			
Produce seeds in or	like structure	S		
4 Divisions:	like structure	s		
	like structure	.s		
4 Divisions:				
4 Divisions: 1. Cycadophyta	or sub-tro	pics		
4 Divisions: 1. Cycadophyta • grow primarily in the	or sub-tro	pics		
4 Divisions: 1. Cycadophyta • grow primarily in the • have male and female reproductive controls.	or sub-tro ductive systems on _	pics		
4 Divisions: 1. Cycadophyta • grow primarily in the • have male and female reproduplents.	or sub-tro ductive systems on _ grains,	pics which become		
4 Divisions: 1. Cycadophyta • grow primarily in the • have male and female reproduce plants. • Male = cones that produce	or sub-tro ductive systems on _ grains,	pics which become		
4 Divisions: 1. Cycadophyta • grow primarily in the • have male and female reproduct plants. • Male = cones that produce • Female cones produce	or sub-tro ductive systems on _ grains, which whe	pics which become n fertilized, will		

Seed Plants:

2. Gne	etophyta			
	· usually found in	or	_ environments, but	
	some are			
	· has very diverse genera, i	ncluding tropica	l, climbing	
	, and low-growing	3	plants.	
p591 fig 22.16	\cdot members of the genus		_are a source of	
ephedrine, a				
	medicine used to treat	, emph	ysema, and hay fever.	
	• produce seeds in	structi	ures.	
3. <i>G</i> inl	kophyta			
	one living species =			
	· small,leaves	1		
	 have male and female reproductive systems on 			
	plants.			
	 seeds are surrounded by soft, 	like	structures	
	 because the seeds have 	, I	andscapers usually plant	
	the trees.			
	 Often planted in cities because 	e they are toler	ant to	
4. <i>C</i> on	uiferophyta			
	· known as			
	· examples:			
	 depending on the species, can I 			
			· _ 3	
	 produce seeds in 	or	structures.	
	 usually male and female struct 			
	 have modified leaves that are 			
p593	Needles help reduce			

	most conifers are	plants, and	their
	leaves throughout the yea	r.	
	 List 2 advantages of being an ev 	ergreen:	
	 a few conifers, and most other to means they all their scarce or One advantage of dropping their 	leaves each fall, or when _	·
	 One advantage of dropping their 	· leaves is:	
<u>Fl</u>	• the disadvantage of dropping the line of the disadvantage of dropping the line of the li		
•	division name	, called the	plants.
•	, most List at least 5 examples:	group of seed plants liv	ing on Earth.
•	Unlike conifers, anthophytes produce	from w	hich
•	A fruit usually contains	· · ·	
_	This division has 2 classes:	and	

Evergreens v.s. Deciduous plants:

Comparing Angiosperms

characteristics:	Monocots	Dicots
seed:		
number of cotyledons		
avamnlag:		
examples:		