<b>Notes</b>	on Igneous Rocks:	Name:
Think of:	: to <b>light with fire</b> rocks are formed from the	within the Earth:
How are <b>Igneou</b>	s Rocks Classified? Igneous rocks an	
Igneous Rock Fo		
→Most Igneous	rocks form directly from	: hot, molten rock inside the Earth
T 1	Granite is the most common igned	ous rock, it cooled from magma
→1gneous rock	as can also form from cooled lava	
3. First Classifi	cation of Magma:	
→	is rich in	(SiO2)
■ Small amou	unts of Ca, Fe, Mg (	iscosity (resistance to flowing)
- C ( !!:	-moving, THICK= High v	iscosity (resistance to flowing)
• Crystallizes	s to	minerals
Felsic igner	ous rocks make up the	·
• Examples:	ous rocks make up the &	·
		<del></del>
	ification of Magma:	
→	: Low amounts of Silica (S	$iO_2)$
■ Fe and Mg	rich (Lots of	,)
		<b>'iscosity</b> , less resistance to flowing, more fluid
• Crystallize	to	minerals
Resulting ro	ocks have relatively	·
• Mancigne	ous rocks make up the	·
• Examples:		
5. <u>Crystal Size:</u>	Small or Large?	
■It takes	to grow crystals	
	ools, it	
		will form?
	ools quickly, small crystals will form bec	
	cools so fast that no crystals ha	we any time to grow (Volcanic Glass)
6 Ignoons Pool	ks, Intrusive v/s Extrusive:	
o. Igneous Roci	·	tallizes Earth's surface
from <b>magma.</b> I	The slower the magma cools, the larg	er the crystals!
	Formed IN-side the Earth	,
	1 1 4 6	4 5 42 6 6
	. The faster the lava cools, the small	the Earth's surface from
	The <b>faster the lava cools</b> , the <b>small</b> = EXITED the earth	ner the crystais:
, mari-iusive.	LATILD III COIIII	
	is that has reached th	Г 412 С