

IGNEOUS ROCK LAB

/53

NAME _____

Complete the table below for each igneous rock in your kit:

Sample	Rock name	Texture Small grain medium grain large grain porphyritic vesicular (porous) glassy	Color(s)	Other (detail that makes it unique)	Intrusive or extrusive
1					
2					
3					
4					
5					
6					
7					
8					

1. What is the nickname for sample 1? What did ancient people use sample one for? (2 pts)
2. What happens to sample 2 when placed in water? Why does this happen? (2pts)
3. Where have you seen sample 3 before?
4. Which sample is the most common extrusive igneous rock? (Hint: it causes Hawaii to have black beaches)
5. Which sample is the most common intrusive igneous rock? (Hint: it is used in fancy buildings)
6. Which sample is used for road ballast?
7. How can you tell if an igneous rock is intrusive or extrusive?
8. What causes an igneous rock to have small crystals? Large crystals? (2pts)
9. Which sample cooled the quickest? Which cooled the slowest? (2pts)