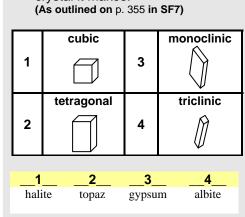
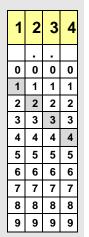
Science 7 **Numerical Response Questions Planet Earth** -

Sample ...

1. Match the mineral with the type of crystal it makes.





- Match the description with the type of 2. mineral identification it is describing.
- this the mineral's scratchability
- reflects light from its surface
- breaks along smooth, flat planes
- the colored powdered form of the mineral

lustre	streak	cleavage	hardness
lusite	Sucar	cleavage	naiuness

	•		
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

- 3. Which category of **rock family** belongs with which rock type described?
 - Igneous
 - Sedimentary
 - Metamorphic
 - Magma
 - melted rock
 - layered rock
 - crystallized rock
 - changed rock

		•	
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

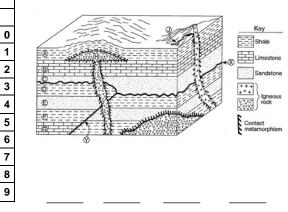
. .

- Match the type of weathering with the 4. description of what it is caused by.
 - mechanical
 - chemical
 - biological
 - extreme change in temperature
 - acid in plant roots

	•	•	
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

- 5. **Earthquakes** are caused by the movement of rock where the crust has broken apart and the pieces move. Match the type of fault with each description
 - Normal Fault
 - Reverse Fault
 - Strike-slip Fault
 - Transform Fault
 - plates squeeze together, rock above fault moves up and over plates move sideways, with sudden movements
 - plates are jammed together,
 - then move past each other plates move apart, rock above
 - fault moves down

Using the **principle of superposition**, 6. number the layers of rock in the correct order, beginning with the oldest.





 aciu în plant roots
 frost wedging
 dissolving minerals