



Student Data Sheet

Name: _____

Date: _____

Crystal Experiment: _____

Observations:

Day One	Day Two

Crystal Experiment: _____

Observations:

Day One	Day Two



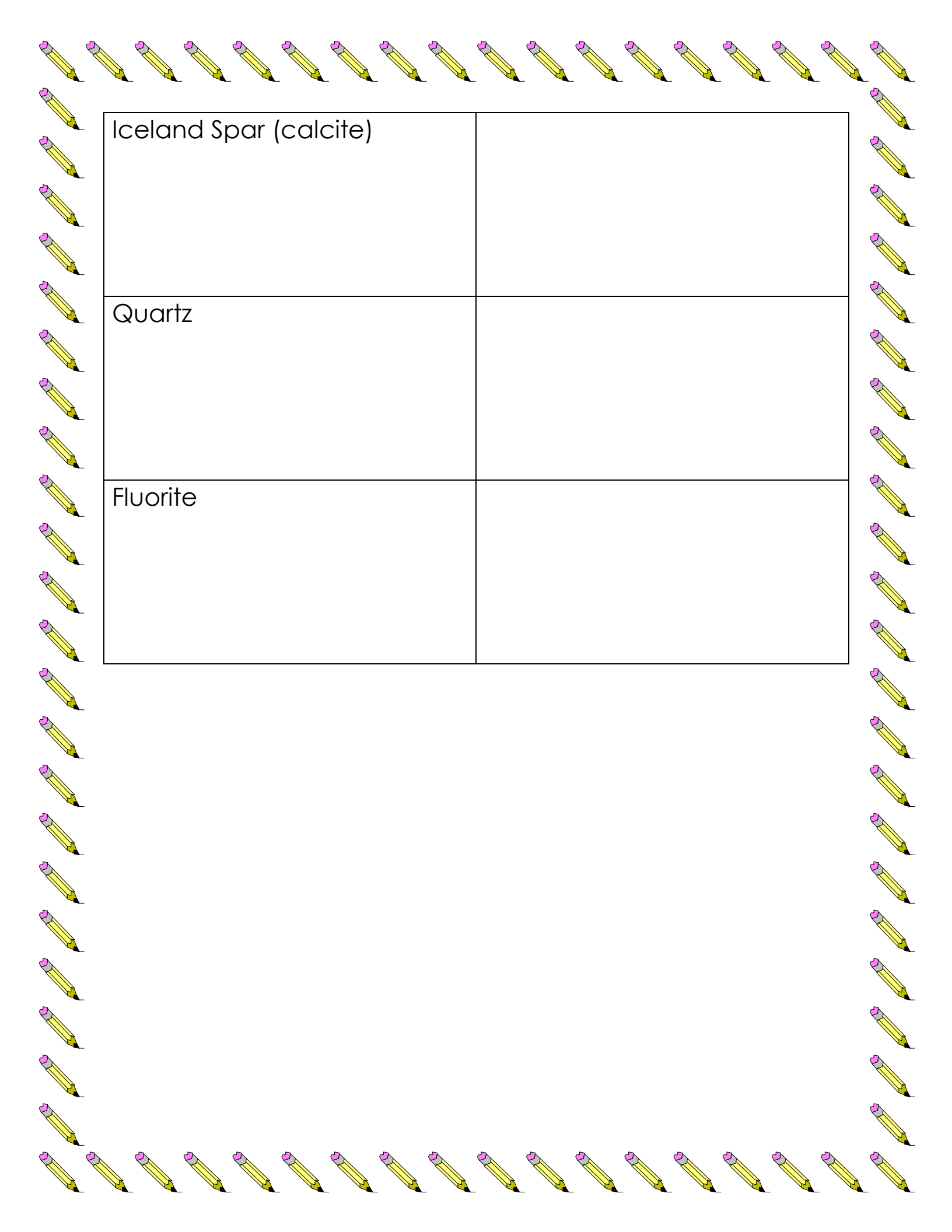
Student Data Sheet

Name:

Date:

Observations of Crystals

Name of Crystal	Observation
Bismuth	
Pyrite in Matrix	
Pyrite Cube	
Ulexite	



Iceland Spar (calcite)	
Quartz	
Fluorite	



Student Data Sheet

Name: _____

Date: _____

Fluorescence Lab:

Observations:

Mineral Number - # _____

What did the mineral look like in natural light?

What did the mineral look like in black light?

Mineral Number - # _____

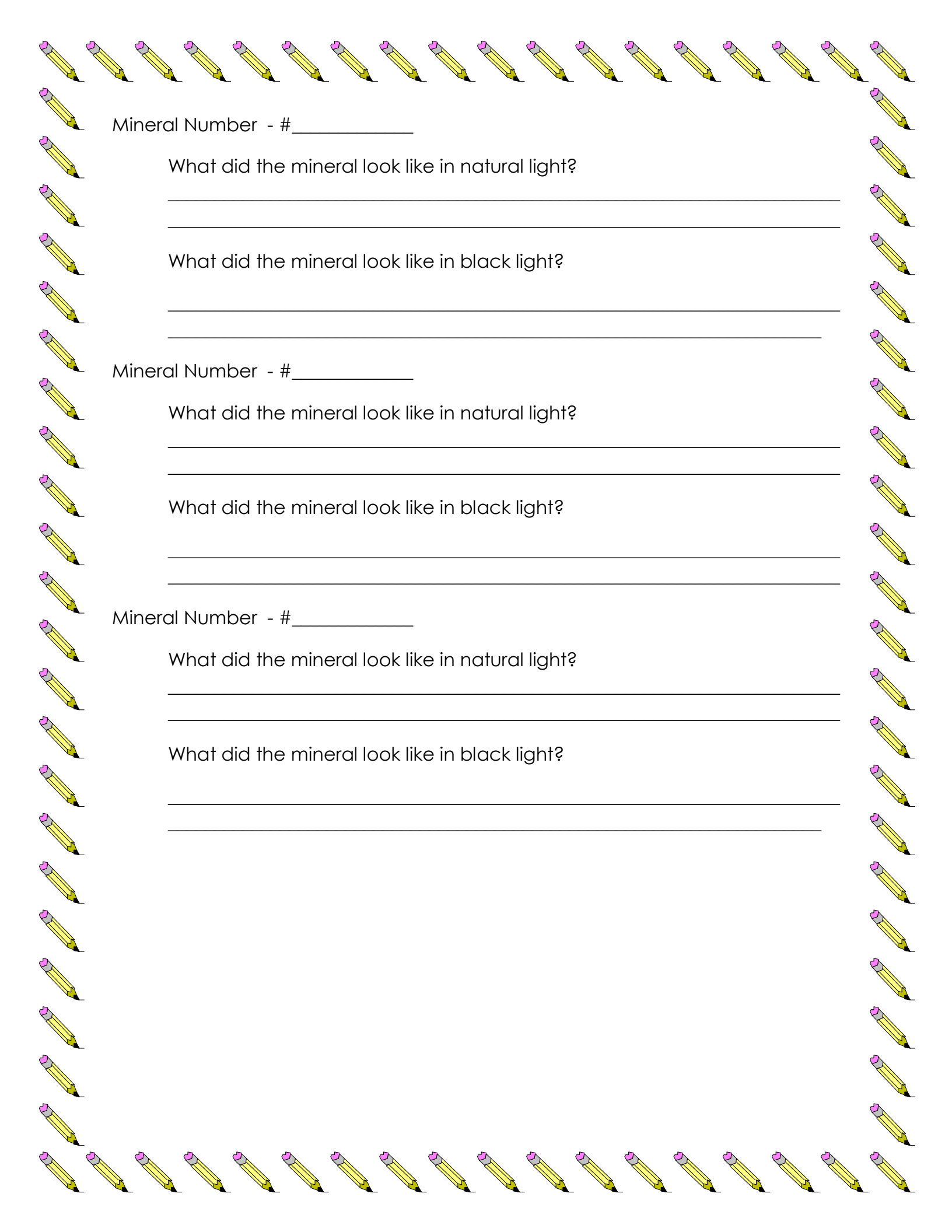
What did the mineral look like in natural light?

What did the mineral look like in black light?

Mineral Number - # _____

What did the mineral look like in natural light?

What did the mineral look like in black light?



Mineral Number - # _____

What did the mineral look like in natural light?

What did the mineral look like in black light?

Mineral Number - # _____

What did the mineral look like in natural light?

What did the mineral look like in black light?

Mineral Number - # _____

What did the mineral look like in natural light?

What did the mineral look like in black light?

Student Data Sheet

Name: _____

Date: _____

Hardness Lab:

Observations:

Mineral Number	Scratched by a Nail, Yes or No	Scratched by a Copper Penny, Yes or No	Scratched by a Finger Nail, Yes or No

Based on the nail having the hardness of 5, the copper penny having the hardness of 3 and the finger nail having the hardness of 2.5, what is the hardness of each of your minerals?

Mineral # _____, Hardness _____

Mineral # _____, Hardness _____

Mineral # _____, Hardness _____

Mineral # _____, Hardness _____

Mineral # _____, Hardness _____

[illegible]

Date:

Examining Crystals Part Two

1. Observe the crystal by looking at it on a white piece of paper.
2. Make another observation placing the crystal over the print on this sheet.
3. Next hold it up toward the light and make observations.
4. Fill in the chart below.

Name of Crystal	Observation	Type of Optical Property