

STATION 1

Which of these minerals is isometric ?

A, B, C, D, E

Which of these minerals contains iron (FE)?

A, B, C, D, E

Which of these minerals show crystal faces ?

A, B, C, D, E

Can you name them? A - _____

B - _____ C - _____

D - _____ E - _____

STATION 2

How many cleavage directions in each mineral ?

A - _____ Can you name the mineral ? _____

B - _____ Can you name the mineral ? _____

C - _____ Can you name the mineral ? _____

D - _____ Can you name the mineral ? _____

E - _____ Can you name the mineral ? _____

Which of these minerals are carbonate minerals ?

STATION 3 - NAME ME

A. I am a phosphate mineral on Moh's hardness scale. _____

B. I am black, soft and a native element. _____

C. I am a sulfate mineral and contain barium. _____

D. I am a green carbonate and contain copper. _____

E. I am cubic, soft, and used to melt ice on roads. _____

F. I'm an oxide of iron with a red streak. _____

G. I contain zinc and display metallic luster. _____

STATION 4

Name each mineral

A - _____ D - _____

B - _____ E - _____

C - _____

Which of these minerals are silicate minerals ?

A, B, C, D, E

STATION 1

A



B



C



D



E



Stations: January 27

STATION 2

A



B



D



C



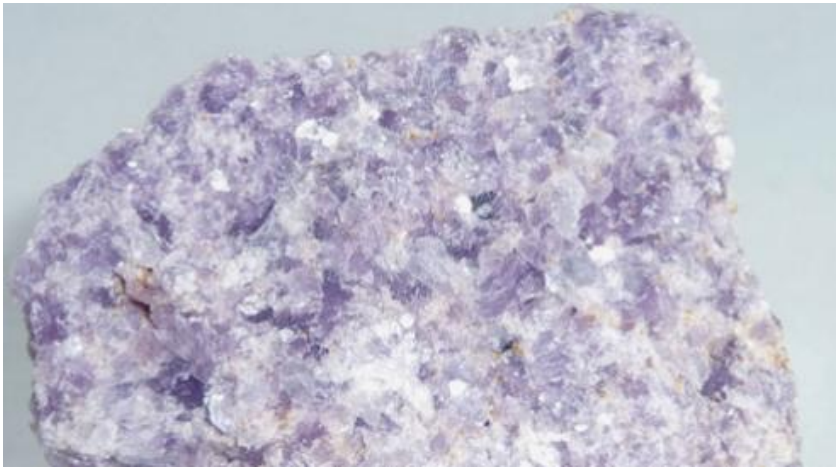
E



Stations: January 27

STATION 4

A



Hint: I contain lithium

B



Hint: I am on Mohs hardness scale.

C



Hint: I have a greasy surface.

D



Hint: I am a framework silicate.

E



Hint: none should be necessary!

Stations: January 27

STATION 1

Which of these minerals is isometric ?

A, B, C, D, E

Which of these minerals contains iron (FE)?

A, D, B, C, E

Which of these minerals show crystal faces ?

A, B, C, E, D

Can you name them? A - **MAGNETITE**

B - **GARNET : ALMANDINE** C - **CELESTITE**

D - **HEMATITE** E - **AZURITE**

STATION 2

How many cleavage directions in each mineral ?

A - **3** Can you name the mineral ? **GALENA**

B - **0** Can you name the mineral ? **QUARTZ**

C - **1** Can you name the mineral ? **BIOTITE**

D - **2** Can you name the mineral ? **HORNBLLENDE**

E - **3** Can you name the mineral ? **CALCITE**

Which of these minerals are carbonate minerals ? **only E**

STATION 3 - NAME ME

A. I am a phosphate mineral on Moh's hardness scale. **APATITE**

B. I am black, soft and a native element. **GRAPHITE**

C. I am a sulfate mineral and contain barium. **BARITE**

D. I am a green carbonate and contain copper **MALACHITE**

E. I am cubic, soft, and used to melt ice on roads. **HALITE**

F. I'm an oxide of iron with a red streak. **HEMATITE**

G. I contain zinc and display metallic luster. **SPHALERITE**

STATION 4

Name each mineral

A - **LEPIDOLITE**

D - **AMAZONITE**

B - **FLUORITE**

E - **GOLD**

C - **TALC**

Which of these minerals are silicate minerals ?

A, C, D, B, E