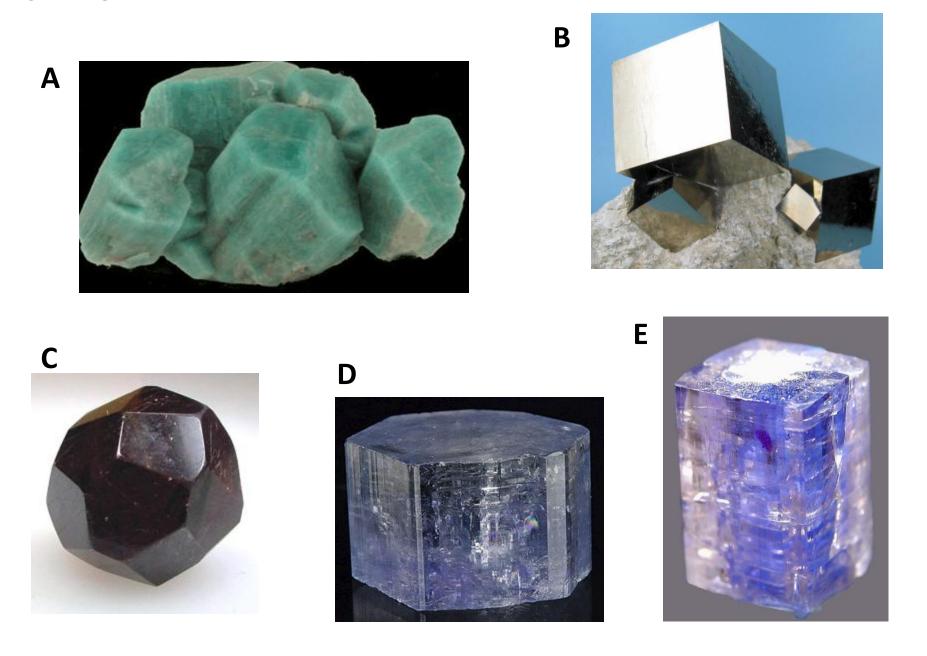
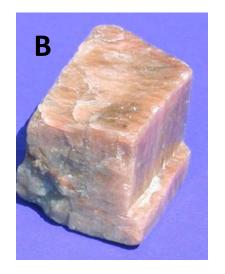
STATION 1 Identify the crystal system for each specimen and what you observed to help you determine it.	STATION 2 Most of these minerals are in the Mohs hardness scale. Can you identify them by their hardness?
A:	A B
B:	C D
	E F
C:	G H
D:	Can you identify the one mineral in the box that is NOT on the Moh;s harndess scale?
E:	
STATION 3 Three of these minerals all have the same chemical formula. Name them by letter and then by name. Letter Name	STATION 4 Which of these minerals is a native element? A, B, C Name it: Name the two minerals in specimen B:
Letter Name Letter Name	What do the two minerals in specimen B have in common?
Identify the other two minerals: Letter Name	Which mineral displays multiple cleavage directions that are not perpendicular to each other?
Letter Name	What type of fracture style is displayed by sample C?
Which mineral is from an entirely different mineral group?	Name sample A and describe its luster:
Name the two mineral groups present?&	Stations – December 12



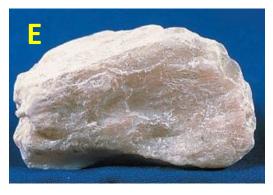
Stations – December 12















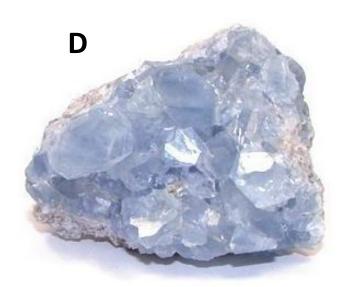


Stations – December 12





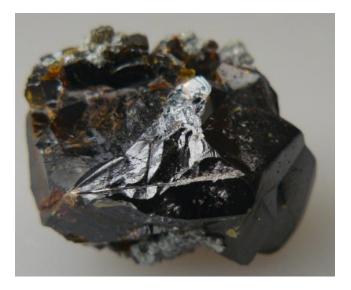


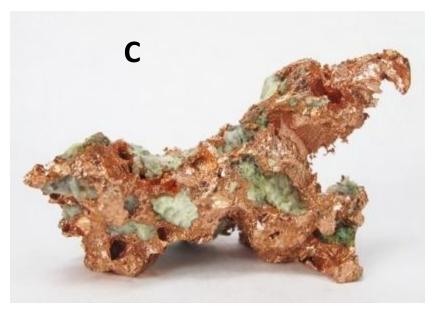


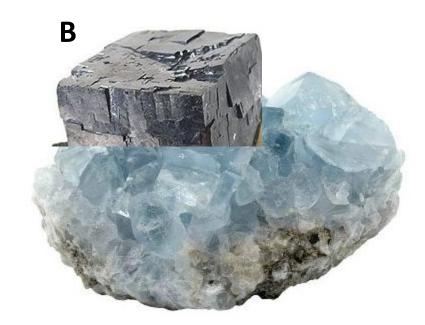


Stations – December 12

Α







I could not fine an excellent photo of these two mineral together to match my example online so this is a fabricate d this combination.

Station Answers – December 12

Station 1

- A. Triclinic (no parallel axes)
- B. Cubic/isometric (3 perpendicular and equal axes)
- Isometric dodecahedron
- D. Hexagonal 6-sided
- E. Tetragonal all parallel axes, two equal length, one is shorter

Station 2

- A. Apatite
- B. Feldspar
- C. Calcite
- D. Quartz

E. Talc

- F Pyrite
- G. Gypsum H. Fluorite

Pyrite is not in Moh's scale.

Station 3

B, C, and E are all gypsum

B – alabaster

C – selenite

E – satin spar

A is sphalerite D is celestite

A is a sulfide mineral. Rest are sulfates.

Station 4

C is a Native Element --- Copper

Specimen B contains Galena and Celestite.

Both contain the element sulfur (S).

Celestite has multiple non-parallel cleavages.

Copper (C) has hackly fracture.

A is sphalerite and has metallic luster.