

Name: _____

Period: _____

Minerals Facts—Question Bank

STATION 1: Chalcopyrite

- A. This is the ore to what metal?
- B. What is one use for this?

STATION 2: Quartz

- A. What is the hardness?
- B. What crystal system or shape is this mineral?
- C. Does this mineral have fracture or cleavage?

STATION 3: Sphalerite

- A. This is the ore to what metal?
- B. What is one use for this?

STATION 4: Topaz

- A. For which month is this gem a birthstone?
- B. What is this minerals hardness?
- C. What is the streak of this mineral?

STATION 5: Bauxite

- A. This is the ore to what metal?

STATION 6: Calcite

- A. What is the hardness of this mineral?
- B. What element causes this mineral to react with acid?
- C. Besides this minerals color and/or shape, what is another physical property taught in class to identify this mineral?

STATION 7: Sulfur

- A. What are two uses for this mineral?
- B. What is this minerals color?

STATION 8: Magnetite

- A. What is a physical property that is unique to this mineral? It's the reason it's has it's name.

STATION 9 & 10: Muscovite and Biotite Mica

- A. Does this mineral have fracture or cleavage?
- B. What are three uses for this mineral?

STATION 11: Graphite

- A. What is a use for this mineral?
- B. What is this mineral's luster?

STATION 12: Beryl

- A. What gem can be found in this mineral?

STATION 13: Galena

- A. This is the ore to what metal?
- B. What is the taste of this mineral?
- C. What is the shape of this mineral?

STATION 14: Corundum

- A. What is the hardness of this mineral?
- B. What two gems can be found in this mineral?
- C. What is one use for this mineral?
- D. What is the crystal system or shape of this mineral?

STATION 15: Apatite

- A. What is the hardness of this mineral?
- B. What part of the body is very similar to this mineral?
- C. What is the luster of this mineral?

STATION 16: Fluorite

- A. What is the hardness of this mineral?
- B. What unique chemical property does this mineral have?
- C. What is one use for this mineral?

STATION 17: Pyrite

- A. What shape is this mineral?
- B. What is the streak of this mineral?
- C. What is the luster of this mineral?

STATION 18: Talc

- A. What is the hardness of this mineral?
- B. What is one use of this mineral?

STATION 19: Hematite

- A. Can this mineral be magnetic?
- B. What is the red color on this mineral?
- C. What is the streak of this mineral?
- D. What metal is found in this ore?

STATION 20: Halite

- A. Does this mineral react with acid?
- B. Does this mineral have an unusual taste? Explain.
- C. What is the shape of this mineral?
- D. What is one use for this mineral?

STATION 21: Garnet

- A. What month is this the birthstone?
- B. Does this mineral react with acid?

STATION 22: Amethyst

- A. For which month is this mineral the birthstone?
- B. What is the shape of this mineral?
- C. What is the hardness of this mineral?

STATION 23: Dolomite

- A. What is one use for this mineral?

STATION 24: Gypsum

- A. What is the hardness of this mineral?
- B. What is one use for the mineral?