

Reinforcement

THE MINERAL QUIZ SHOW

Complete this worksheet after you finish reading the section “Identifying Minerals.”

Announcer Don Fargo: It’s time to play your favorite quiz game—The Mineral Quiz! Now, here’s your host, Harry Halite! Take it away, Harry... (Applause)

Harry: Thank you very much, everyone. Let’s begin! Our first category is “Luster.” For 100 points, *luster* is the way the surface of a mineral reflects

_____. For a bonus of 50 points, fill in the blank: A vitreous luster is _____. (metallic or nonmetallic)

Don: Now it’s time for a word from our sponsors, Inorganic Crystals. Remember, minerals have a repeating inner structure!

Harry: Hey, we’re back! Our new category is “Cleavage.”

For 100 points, *cleavage* is the tendency of some minerals to break along

_____ surfaces. For a 50-point bonus, describe the cleavage of halite.

I think we have one more category—“Hardness”!

For 100 points, _____ is the softest reference mineral on the Mohs hardness scale.

For a 50-point bonus, what is the hardest reference mineral on the Mohs scale?

_____ (Buzzer sounds)

Don: You know what that means! It’s time to play the Bonus Round! Each question is worth 75 points.

Harry: Fill in the blanks below for bonus points!

The measure of how much matter is in a given space is

_____.

Conchoidal describes a type of _____.

_____ is more reliable than color as an indicator of a mineral’s identity.

A mineral with a nonmetallic, silky luster has _____.

Harry: Well, that’s all the time we have for today. Thanks so much for playing The Mineral Quiz! (Applause)