

Science 7 Unit 5
Pages 350 – 360
Planet Earth – Minerals

Name:

Date;

1.) What are the three focussing questions: 1 mark

2.) Define the following terms:

a.) rock:

b.) minerals:

c.) crust:

d.) elements:

e.) crystals:

f.) lustre:

g.) streak:

h.) fracture:

i.) cleavage:

3.) what are three of the most common types of minerals found around the world?

4.) What elements is quartz made from?

5.) You find an unknown mineral and compare it to the Moh's hardness scale. Your mineral will scratch talc, fluorite, and quartz, but will not scratch topaz. What is its hardness value?

6.) What is the hardest mineral?

7.) What does corundum look like pure? How elements would make it a sapphire? What elements make it a ruby? 3 marks

8.) Which hardness values will not let a streak on the tile?

9.) List the properties that are used to identify minerals. 6 marks



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