



Name _____ Class _____ Date _____

1 The **scale** that has **rankings** of the **hardness** of minerals and rocks from 1-10 is called the _____ hardness scale.

- A Mike's
- B Mohs' fingernail (2.5)
- C Miller's penny (3.5)
- D Main iron nail (4.5)

Hardness Scale			
1 Talc	6 Feldspar		
2 Gypsum	7 Quartz		
3 Calcite	8 Topaz		
4 Fluorite	9 Corundum		
5 Apatite	10 Diamond		

2 Which mineral on the chart below can be **scratched the easiest**?

- A talc
- B fluorite fingernail (2.5)
- C topaz penny (3.5)
- D quartz iron nail (4.5)

Hardness Scale			
1 Talc	6 Feldspar		
2 Gypsum	7 Quartz		
3 Calcite	8 Topaz		
4 Fluorite	9 Corundum		
5 Apatite	10 Diamond		

3 If you have found a mineral that you can scratch with your **fingernail**, what ranking would the mineral receive on the **Mohs' Hardness Scale**?

- A 1
- B 2.5 fingernail (2.5)

Hardness Scale			
1 Talc	6 Feldspar		
2 Gypsum	7 Quartz		
3 Calcite	8 Topaz		

4 Which is the **hardest mineral** on the chart below?

- fingernail (2.5)
- penny (3.5)
- iron nail (4.5)
- glass (5.5)

Hardness Scale			
1 Talc	6 Feldspar		
2 Gypsum	7 Quartz		
3 Calcite	8 Topaz		
4 Fluorite	9 Corundum		
5 Apatite	10 Diamond		

5



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7

- A true
- B false



notebook. What property of minerals was Dominic testing?

- A its streak color
- B its hardness
- C its luster
- D its density



9

What are the two main types of **luster**?

- A metallic and nonmetallic
- B transparent and opaque
- C shiny and clear
- D porous and nonporous



10

Why **can't** you identify a mineral just by looking at its **color**?

- A Many minerals come in more than one color.
- B Minerals come in only one color.
- C The color on the outside always matches the streak color.
- D Minerals are shiny, they do not have color.





ANSWER KEY

The **scale** that has **rankings** of the **hardness** of minerals and rocks from 1-10 is called the **hardness scale**.

- A Mike's
- B Mohs'
- C Miller's
- D Main

Hardness Scale			
1 Talc	6 Feldspar		
2 Gypsum	7 Quartz		
3 Calcite	8 Topaz		
4 Fluorite	9 Corundum		
5 Apatite	10 Diamond		

(b)

Which mineral on the chart below can be **scratched the easiest**?

- A talc
- B fluorite
- C topaz
- D quartz

Hardness Scale			
1 Talc	6 Feldspar		
2 Gypsum	7 Quartz		
3 Calcite	8 Topaz		
4 Fluorite	9 Corundum		
5 Apatite	10 Diamond		

(a)

If you have found a mineral that you can scratch with your **fingernail**, what ranking would the mineral receive on the **Mohs' Hardness Scale**?

- A 1
- B 2.5
- C 3.5
- D

Hardness Scale			
1 Talc	6 Feldspar		
2 Gypsum	7 Quartz		
3 Calcite	8 Topaz		
4 Fluorite	9 Corundum		

(b)

Which is the **hardest mineral** on the chart below?

- fingernail (2.5)
- penny (3.5)
- iron nail (4.5)
- glass (5.5)

Hardness Scale			
1 Talc	6 Feldspar		
2 Gypsum	7 Quartz		
3 Calcite	8 Topaz		
4 Fluorite	9 Corundum		
5 Apatite	10 Diamond		

(d)

- A talc
- C topaz



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- B false



- A its streak color
- B its hardness
- C its luster
- D its density



What are the two main types of **luster**?

- A metallic and nonmetallic
- B transparent and opaque
- C shiny and clear
- D porous and nonporous



(a)

Why **can't** you identify a mineral just by looking at its **color**?

- A Many minerals come in more than one color.
- B Minerals come in only one color.
- C The color on the outside always matches the streak color.
- D Minerals are shiny, they do not have color.



(a)