

Mohs Hardness Scale



Mineral	Hardness	Common Object
Talc	1	
Gypsum	2	Fingernail
Calcite	3	Piece of copper
Fluorite	4	Iron nail
Apatite	5	Glass
Feldspar	6	Steel file
Quartz	7	Streak plate
Topaz	8	Scratches quartz
Corundum	9	Scratches topaz
Diamond	10	Scratches all common materials

1. What mineral is the hardest mineral? _____
2. What mineral is the softest mineral? _____
3. Name 2 minerals that will scratch topaz _____
4. Name 2 minerals softer than a 3 _____
5. Name 2 objects that will scratch fluorite. _____
6. Which mineral is harder: feldspar or quartz? _____
7. What mineral will scratch glass but not a streak plate? _____
8. What mineral is harder than calcite but won't scratch glass? _____
9. Hematite can scratch glass but not a steel file. What number on the hardness scale is hematite? _____