



Name _____ Class _____ Date _____

Match each of the following terms to its definition:

Crystal

Cleavage

Hardness

Fracture

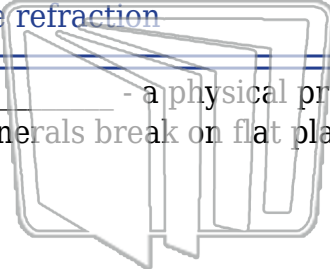
Double refraction

Karat

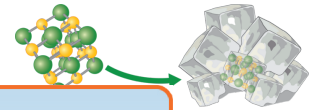
Inorganic

Gemstone

1. _____ - a physical property of minerals that describes the way some minerals break on flat planes



2. _____ - a solid substance with molecules arranged in a repeated pattern



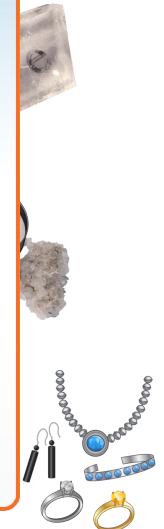
3. _____ distinct r



4. _____ surfaces

5. _____ valued fo

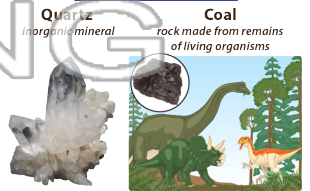
PREVIEW
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6. _____ - a property of a mineral that refers to how easily (or not so easily) a mineral can be scratched; all minerals have a hardness between 1 and 10 on a the Mohs hardness scale

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

7. _____ - a nonliving substance that is not formed from any previously living materials; a type of compound that does not contain carbon



8. _____ - a measure of the purity of gold; also a unit of mass for gemstones





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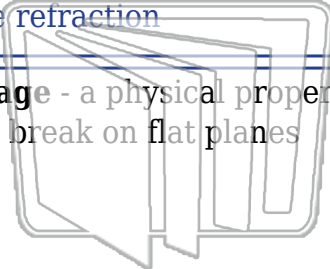
Double refraction

Karat

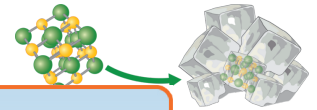
Inorganic

Gemstone

1. **cleavage** - a physical property of minerals that describes the way some minerals break on flat planes



2. **crystal** - a solid substance with molecules arranged in a repeated pattern



3. **double refraction** - two distinct images



4. **fracture surfaces** - irregular breakage

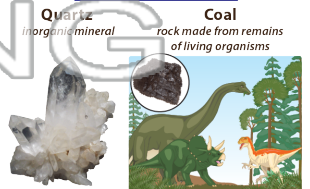
5. **gemstones** - used for jewelry

PREVIEW
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6. **hardness** - a property of a mineral that refers to how easily (or not so easily) a mineral can be scratched; all minerals have a hardness between 1 and 10 on a the Mohs hardness scale

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

7. **inorganic** - a nonliving substance that is not formed from any previously living materials; a type of compound that does not contain carbon



8. **karat** - a measure of the purity of gold; also a unit of mass for gemstones

