

Planet Earth Practice Quiz

Topic 1 - Minerals

1. Minerals play an important role in your body's functions. Calcium, from calcite and dolomite, helps to regulate this in the body's cells ...

oxygen

blood

water

carbon dioxide

2. An example of growing crystals in your body is ...

blood clotting

urinalysis

kidney stones

liver oxygenation

3. Minerals can be identified by certain clues. The clue that identifies the colour of the powdered form of the mineral is called its ...

streak

lustre

colour

cleavage

4. Cubic, tetragonal, hexagonal, orthohombic, monoclinic and triclinic describe systems of ...

mineral hardness

crystal structure

cleavage types

synthetic models

5. There is a huge demand for perfect crystals in such things as electronic circuits, credit cards, machines, medicines and communication devices. Synthetic crystals are manufactured because natural crystals ...

have impurities

are rare

are too soft

are too expensive

Check your [Answers](#)

Planet Earth: Topic 1 - Minerals

Answers

1. Minerals play an important role in your body's functions. Calcium, from calcite and dolomite, helps to regulate this in the body's cells ...
 - x oxygen
 - x blood
 - water**
 - (Text p. 354 - Did You Know) Your body uses minerals in order to survive and calcium is used to help regulate water in the body's cells**
 - x carbon dioxide
2. An example of growing crystals in your body is ...
 - x blood clotting
 - x urinalysis
 - kidney stones**
 - (Text p. 356 - Off the Wall) An excess of chemicals in your body become concentrated in the kidneys, where kidney stones can be produced.**
 - x liver oxygenation
3. Minerals can be identified by certain clues. The clue that identifies the colour of the powdered form of the mineral is called its ...
 - streak**
 - (Text p. 357) When a mineral is rubbed across a porcelain tile it leaves a powdered form of the mineral, called a streak.**
 - x lustre
 - x colour
 - x cleavage
4. Cubic, tetragonal, hexagonal, orthohombic, monoclinic and triclinic describe systems of ...
 - x mineral hardness
 - crystal structure**
 - (Text p. 355 - Table 5.2) There are six major types of crystal systems as described on this page.**
 - x cleavage types
 - x fracture patterns
5. There is a huge demand for perfect crystals in such things as electronic circuits, credit cards, machines, medicines and communication devices. Synthetic crystals are manufactured because natural crystals ...

have impurities

(Cool Tools p. 360) Natural crystals can contain impurities, so synthetic crystals from minerals such as silicon have been created.

x **are rare**

x **are too soft**

x **are too expensive**