

Name _____

Transforming Treasures: The Impact of Heat and Treatments on Gemstones

Multiple Choice Questions

1. What is one purpose of heat treatment on gemstones?
 - a) To increase their size
 - b) To enhance their natural color and clarity
 - c) To add impurities for a unique look
 - d) To make them more durable

2. Which gemstone treatment involves exposing the gem to controlled radiation?
 - a) Dyeing
 - b) Coating
 - c) Irradiation
 - d) Cutting

3. How can dyeing and coating treatments affect gemstones?
 - a) They enhance their durability
 - b) They improve their clarity
 - c) They can change their color and luster
 - d) They have no impact on the gemstone

4. What is the most valuable type of gemstone in terms of treatments?
 - a) One that has undergone multiple undisclosed treatments
 - b) A natural, untreated gemstone
 - c) A gemstone with a thick coating
 - d) A gemstone with impurities

5. Why is ethical transparency important in the gemstone industry?
 - a) To make gemstones more expensive
 - b) To maintain trust among consumers
 - c) To hide information about gem treatments
 - d) To increase the rarity of gemstones

