

Name _____

Unveiling the Price Tag of 3D Printing: What's Involved and How Much Does It Cost?

Multiple Choice Questions

1. What is one factor that influences the cost of a 3D printer?
 - a) The type of filament used
 - b) The size of the objects it can print
 - c) The brand of the computer used for printing
 - d) The number of colors it can print in

2. Which type of printer is typically more expensive: industrial-grade 3D printers or entry-level desktop FDM printers?
 - a) Industrial-grade 3D printers
 - b) Entry-level desktop FDM printers
 - c) They are usually the same price
 - d) It depends on the brand

3. What does slicing software do in the 3D printing process?
 - a) It designs 3D models.
 - b) It prepares 3D models for printing.
 - c) It maintains the 3D printer.
 - d) It operates the 3D printer.

4. What is an important safety consideration when operating a 3D printer?
 - a) Keeping it in a dark room
 - b) Operating it in a well-ventilated area
 - c) Using it outdoors
 - d) Placing it near flammable materials

5. What should you consider when buying a used 3D printer?
 - a) It's always a better choice than a new one.
 - b) You should never buy a used 3D printer.
 - c) Make sure it comes with design software.
 - d) Ensure it's in good condition and has necessary accessories.

