

# xTool F1 Pre-Class Safety & Basics Quiz

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Instructions:** Circle or write the correct answer. This quiz helps confirm your understanding of basic laser safety and operation. Turn it in at the beginning of class.

## 1. What type of laser is the xTool F1?

- a) Class 1
- b) Class 4
- c) Infrared only
- d) UV

## **2. Why must you wear safety glasses or keep the enclosure closed during operation?**

- a) To reduce noise
- b) To avoid damaging your vision
- c) To prevent overheating
- d) For decoration

**3. Which of the following should *never* be cut or engraved with a laser?**

- a) Acrylic
- b) Leather
- c) Wood
- d) PVC

#### 4. What does the "power" setting control?

- a) Speed of the laser head
- b) Resolution of the design
- c) Intensity of the laser beam
- d) The brightness of the touchscreen

## 5. Match the laser type with its best use:

- Diode laser: \_\_\_\_\_
- Infrared/fiber laser: \_\_\_\_\_

*(Options: Best for cutting wood / Best for marking metal)*

**6. True or False: You should always supervise the laser while it is running.**

- ☐ True
- ☐ False

## **7. Which file types are most commonly used for laser cutting designs?**

- a) .doc and .xlsx
- b) .svg and .png
- c) .exe and .pdf
- d) .mp4 and .jpg