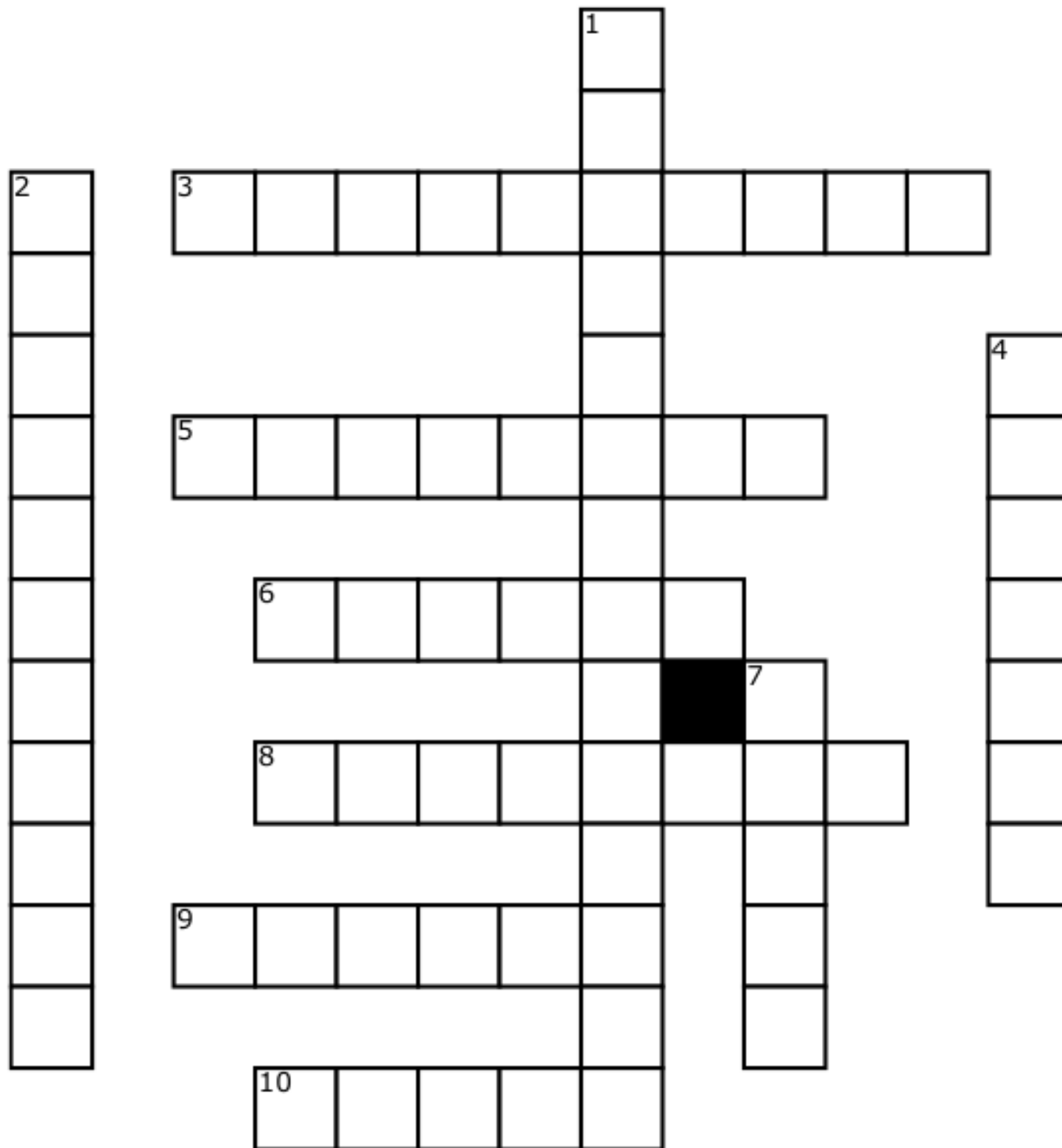


Name: \_\_\_\_\_

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

# X-RAY TUBE



## **Across**

**3.** the chemical element of atomic number 42, a brittle silver-gray metal of the transition series, used in some alloy steels.

**5.** what is the anode made of?

**6.** The stationary part of the induction motor

**8.** The purpose for the \_\_\_\_\_ cut is to guide the electron stream to the target area on the anode.

**9.** what are two words we use instead of cathode

**10.** the rotating part of the induction motor

## **Down**

**1.** where you can find the stator and rotor

**2.** a metal cup, in which the cathode of an X-ray tube is mounted, which electrostatically focuses the electron beam upon the focal spot on the surface of the anode.

**4.** The negative side of the x-ray tube

**7.** The positive end of the x-ray tube