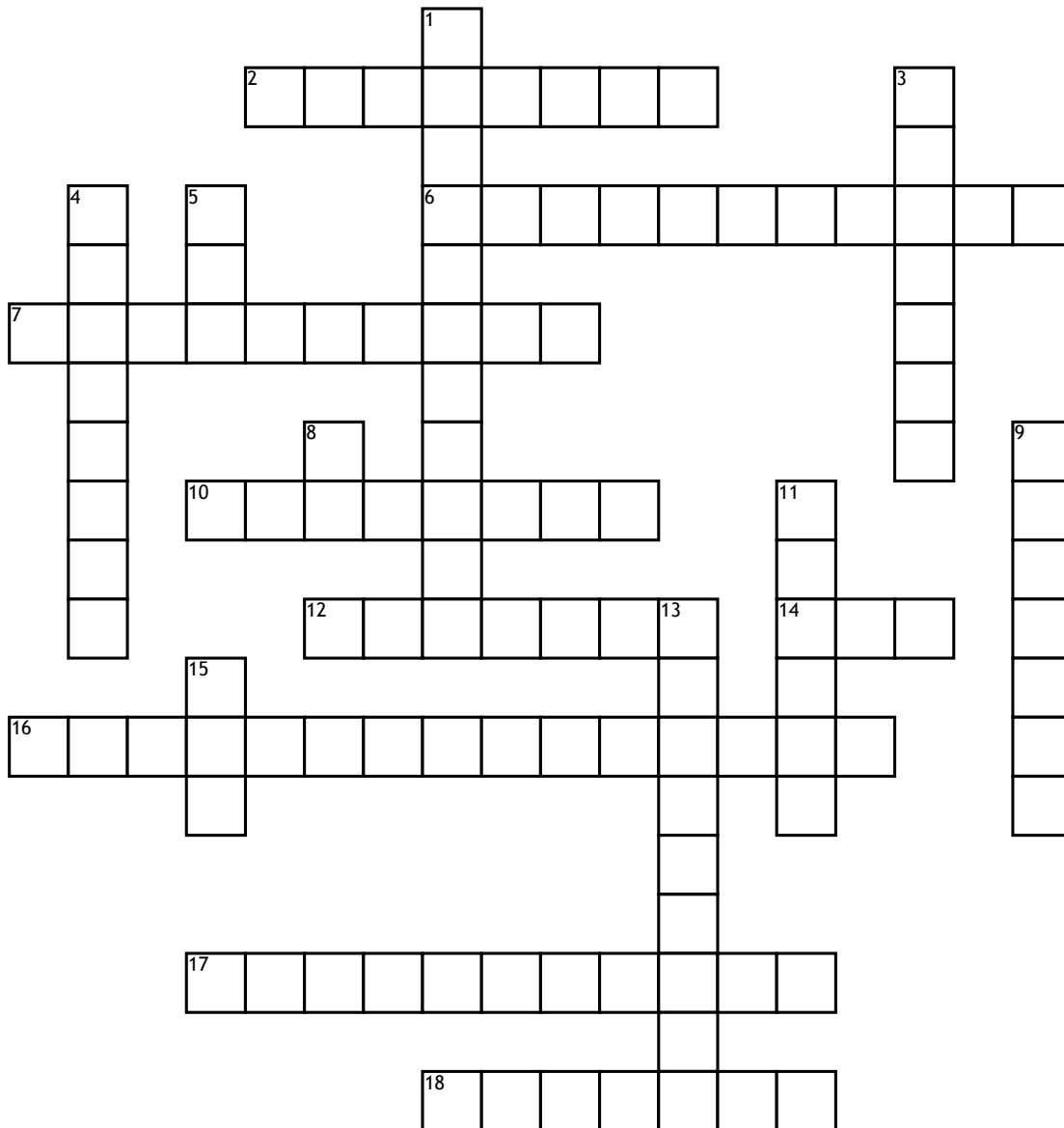


Name: \_\_\_\_\_

# Control Console



## Across

2. An adjustable form of a resistor is the \_\_\_\_\_.
6. Accurate operation of the AEC device depends on \_\_\_\_\_ of the patient with respect to the photocell.
7. The most accurate type of timer is the \_\_\_\_\_ timer.
10. AEC controls the \_\_\_\_\_ of radiation reaching the image receptor.
12. A \_\_\_\_\_ breaker opens a circuit to keep the circuit and device safe.
14. The autotransformer has \_\_\_\_\_ winding.

16. The circuit device that operates on the principle of self-induction.

17. When the radiographer selects \_\_\_\_\_ on the control panel, the autotransformer is adjusted.

18. A backup timer for AEC serves to \_\_\_\_\_ the patient.

## Down

1. Variations in power distribution to the x-ray machine are corrected by the line voltage \_\_\_\_\_.

3. The autotransformer is found on the \_\_\_\_\_ circuit.

4. The mA selector is the only part of the control console that is located in the \_\_\_\_\_ circuit.

5. A device used to ensure reproducible images, regardless of tissue-density variations is the \_\_\_\_\_.

8. The component of the control console that controls the quantity of radiation is the \_\_\_\_\_ selector.

9. Ionization chambers are located \_\_\_\_\_ the patient and the IR.

11. When a switch is turned on, the electric circuit is \_\_\_\_\_.

13. The essential function of an AEC is to \_\_\_\_\_ the x-ray exposure once the IR is correctly exposed.

15. The operating console contains circuits that are \_\_\_\_\_ voltage only.