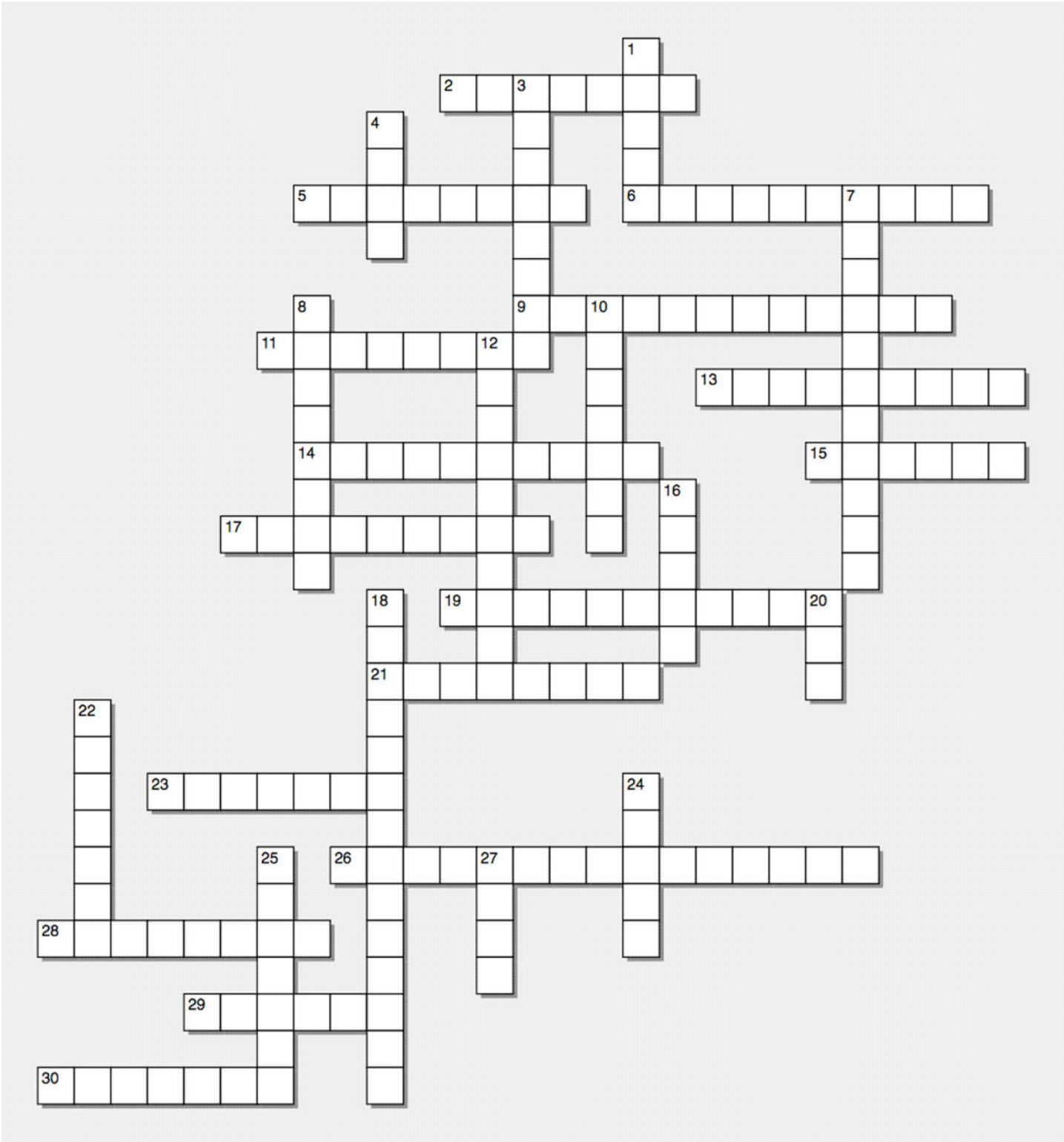


# Railroad Crossword #1



## Across

2. \_\_\_\_\_ effects how power is distributed through the tracks to those locomotives that do not have decoders. To make a locomotive go, the pulses are stretched on one side and then the other, outputting more positives than negatives.
5. The \_\_\_\_\_ is a way to control locomotives and other aspects of the layout.
6. \_\_\_\_\_ is the weight when the railroad car is empty.
9. \_\_\_\_\_ are those railroad cars that provide protection to automobiles which are in transit on the train.
11. Hobbyists often use a portable and \_\_\_\_\_ device to control their locomotives. Simple devices have speed and direction controls while more advanced models are on the market.
13. A \_\_\_\_\_ runs faster than real time. It allows the trains to be run in a compressed time.
14. A \_\_\_\_\_ is a metal or plastic piece that is shaped a bit like a flattened C. It slides onto rails and aligns them.
15. The \_\_\_\_\_ is a term used to describe everything in the model train setup. It includes all the model train cars, its tracks and all the pieces of scenery.
17. \_\_\_\_\_ is when a model train set resembles workings of a real-life railroad.
19. A \_\_\_\_\_ is much like a stop light. It tells the train to stop or go, whether there is another train on the track or if it needs to alter its course.
21. The \_\_\_\_\_ is a white sign with black numbers. It indicates the mileage of the track, often abbreviated MP.
23. A \_\_\_\_\_ is an employee of the railroad assigned to protect contractors or anyone performing work on a railroad right of way.

## Down

1. The \_\_\_\_\_ is an individual who's job it is to guide the engineer or conductor in unfamiliar territory.
3. NMRA is the acronym for National Model \_\_\_\_\_ Association.
4. The \_\_\_\_\_ is where trains come together. They are hooked together, car by car, according to the railroad's system.
7. The \_\_\_\_\_ is where one or more tracks are often used to exchange cars between railroads.
8. Once a car has a \_\_\_\_\_ tag, it must be repaired before it leaves the terminal. This car is defective and could bring damage to the train.
10. \_\_\_\_\_ is railroad track that is straight, not curved.
12. The main attraction of any train set is the \_\_\_\_\_.
16. A \_\_\_\_\_ resembles a rising curve that turns on an axis, much like a corkscrew. It's often found on multi-level train layouts.
18. \_\_\_\_\_ is a standard for a system to operate model railroads digitally.
20. In most model train kits \_\_\_\_\_ lights are becoming popular. They convert electricity into light without using heat.
22. When railroad staff need a break, they head back to the \_\_\_\_\_ which houses them with the comforts of home.
24. \_\_\_\_\_ is the distance between the rails.
25. The \_\_\_\_\_ is the electricity that is moving through the model train set.
27. A \_\_\_\_\_ car transports liquids on a train. This liquid may be chemicals, acids, or even compressed gasses.

