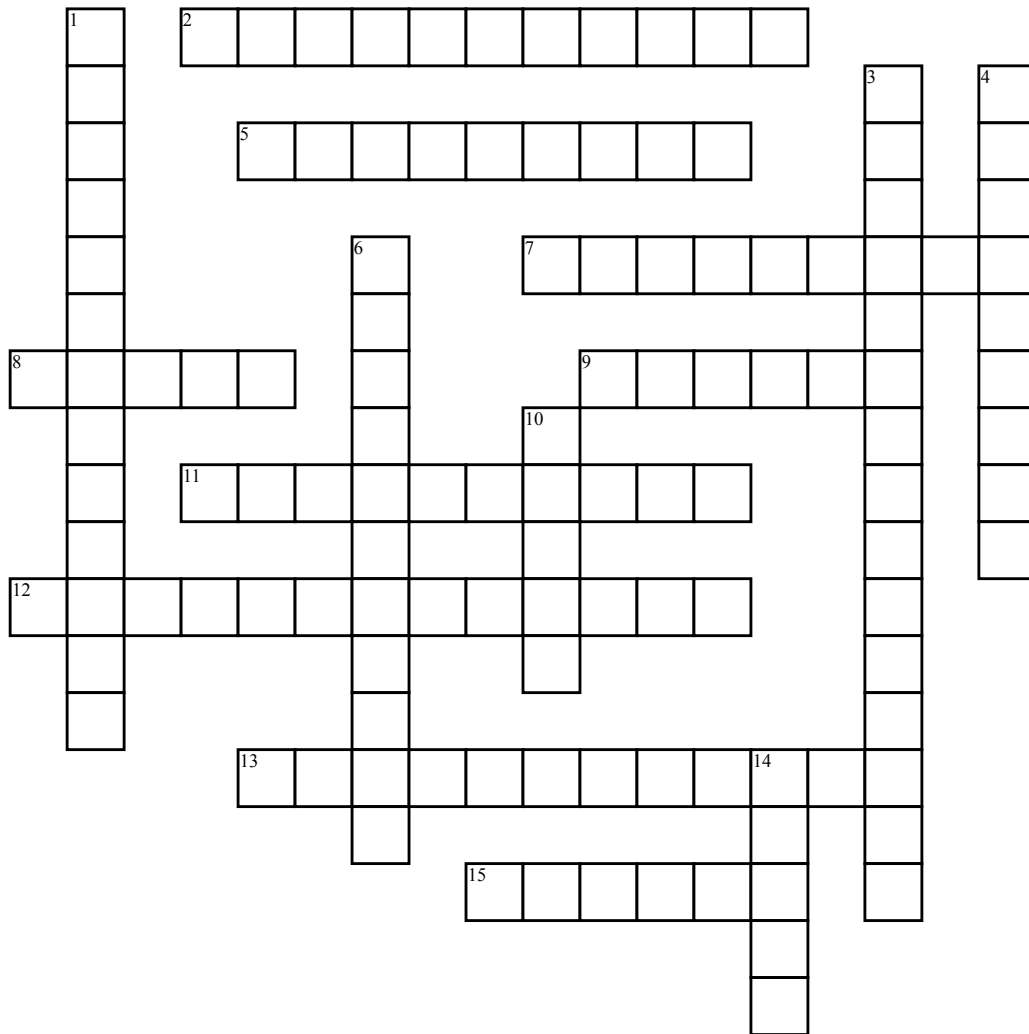


## Chapters 10-13 Invention/Innovation Cross Word Puzzle



**Across**

- 2. Who ran a locomotive and cars around a circular track on his New Jersey estate in 1820?
- 5. The automatic reaper enabled one worker to harvest as much wheat in a day as five could harvest using older methods. Who invented it?
- 7. This canal provided a route to the Great Lakes and gave New York City direct access to Chicago and the growing markets of the west.
- 8. Who invented the telegraph?
- 9. Who is responsible for the development of anesthetics?

- 11. The form of transportation that was used to navigate larger rivers, like the Mississippi and the Ohio, in the 1820s.
- 12. What was an important change in railroad development? (Hint “trunk lines”)
- 13. The telegraph system seemed to be the answer to \_\_\_\_\_ communication.
- 15. Charles Goodyear’s process helped create what major industry?

**Down**

- 1. What invention began to replace the fireplace as the principal vehicle for cooking and a source of heat?

- 3. Richard Hoe’s 1846 invention made it possible to do what quickly?
- 4. Eventually, \_\_\_\_\_ became the primary transportation system for the United States.
- 6. Charles Goodyear discovered a method of \_\_\_\_\_ rubber.
- 10. Where were canals almost nonexistent and most roads crude and unsuitable?
- 14. Where were most major magazines and newspapers located?

**Word Bank**

- |                  |               |               |           |                |
|------------------|---------------|---------------|-----------|----------------|
| Print Newspapers | North         | Vulcanizing   | Morton    | Erie Canal     |
| Morse            | John Stevens  | Steamboats    | South     | Rubber         |
| McCormick        | Consolidation | Long Distance | Railroads | Castiron Stove |