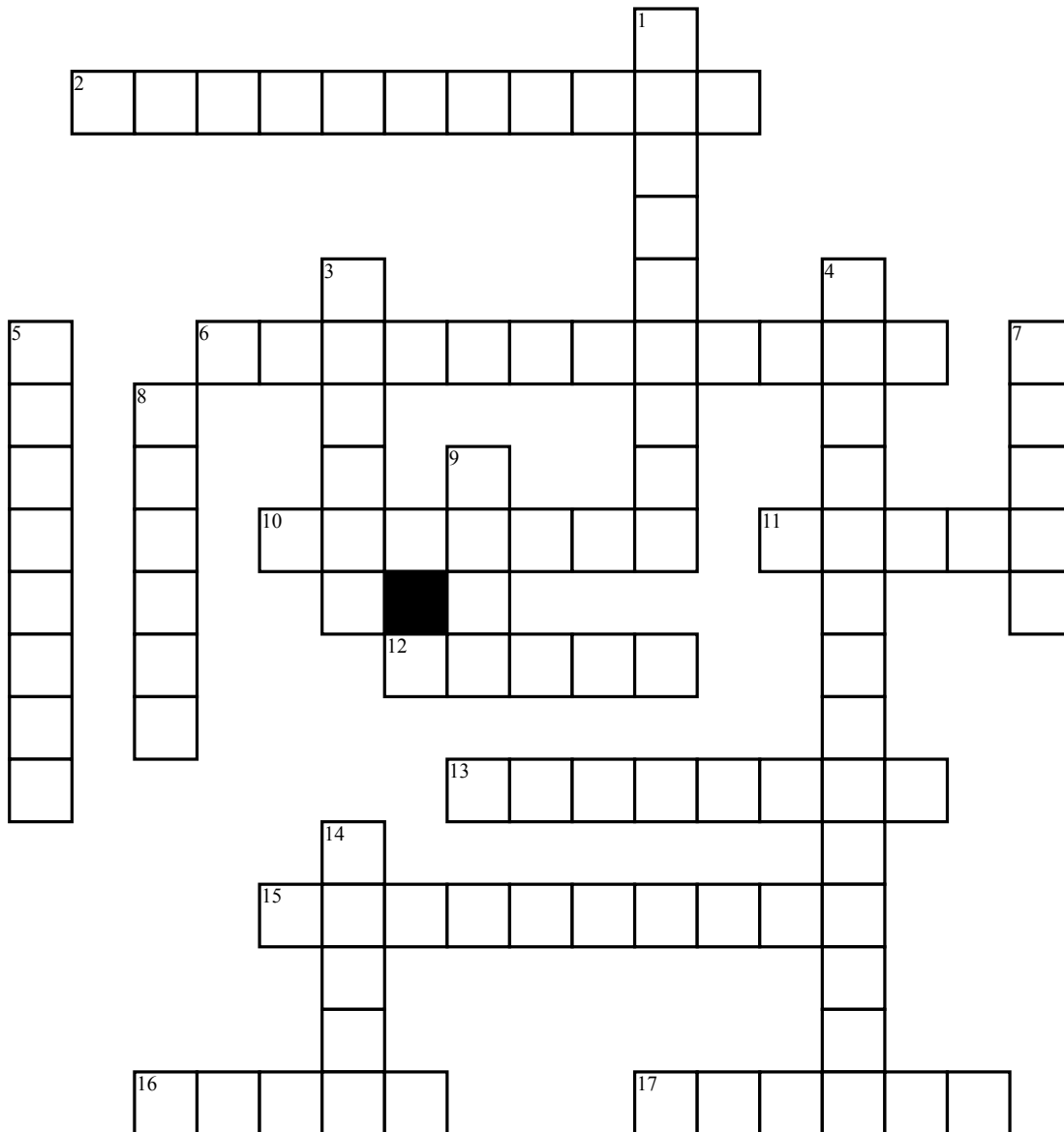


The Calculating Machine



Across

- 2. They are all slightly different in that they have different numbers of digits in the _____ or have slight differences in the internal mechanisms.
- 6. The device could also be called the Pascaline or the _____
- 10. The right-hand dial represented _____.
- 11. On the top was a row of _____ movable dials
- 12. The calculator had _____ wheel dials.
- 13. The machine could add, _____, multiply, and divide.

15. Subtractions were performed using _____ techniques.

16. Blaise's calculator was a polished _____ box.

17. There were problems faced by Pascal in the design of the calculator which were due to the design of the _____ currency at that time.

Down

- 1. Modern _____ employ similar complement techniques to the calculating machine.
- 3. Most of the dials were for _____.

4. _____ and division were a little bit difficult to do on the calculating machine.

5. The Calculating Machine could be used well for pounds, _____, and pence.

7. Pascal built _____ Pascaline machines in total.

8. The dials were turned to the appropriate numbers using a _____.

9. The first Pascaline could only handle _____ - digit numbers.

14. The answers appeared in _____ in the top of the calculator.