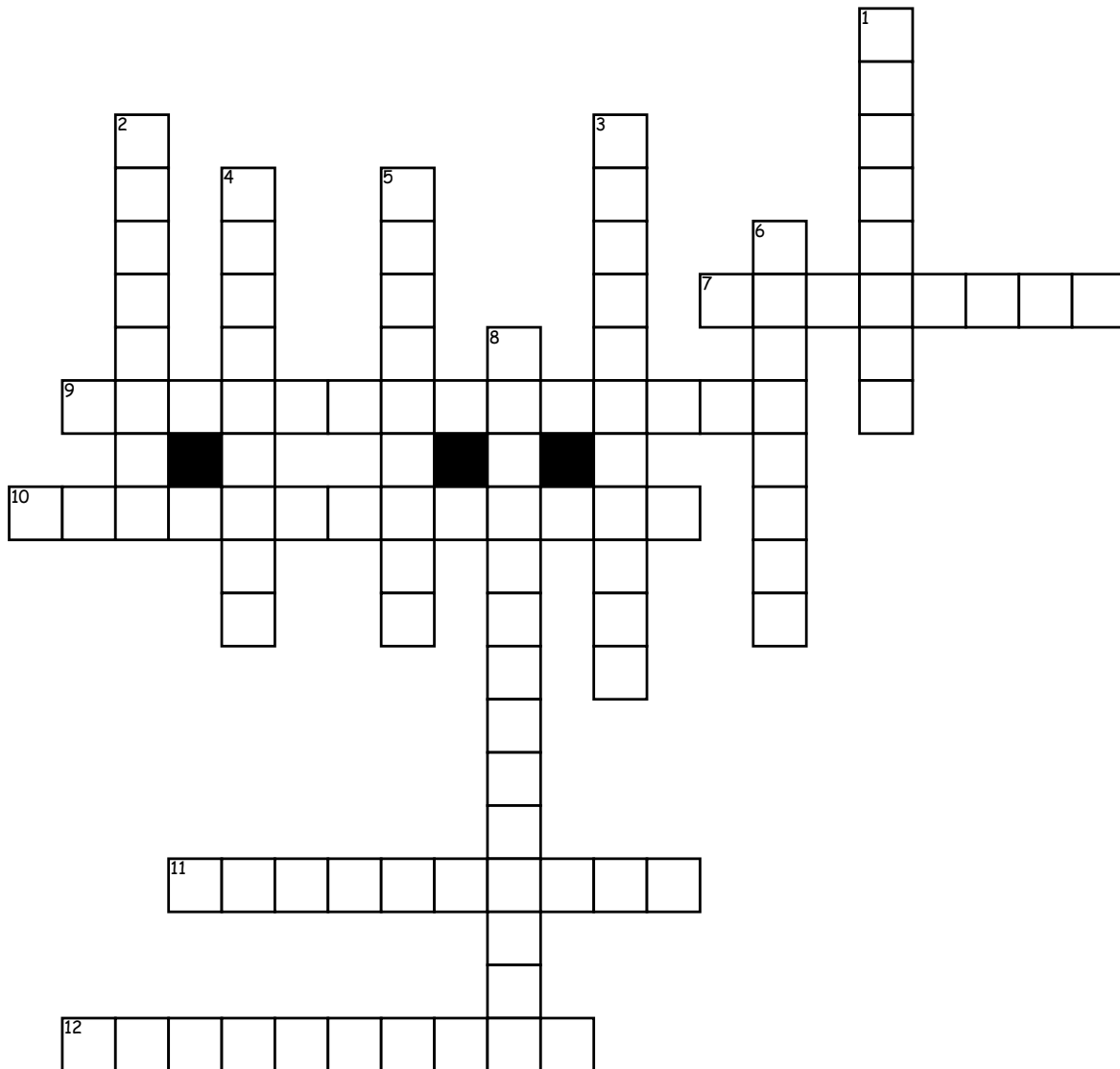


# Linear Equations in one variable



**Across**

7. The \_\_\_\_\_ Property of Equality tells us that adding the same number to each side of an equation gives us an equivalent equation

9. An algebraic equation with a degree of 1

10. An equation that is never true, no matter what the value of the variable

11. The \_\_\_\_\_ property of equality tells us that if a quantity a equals quantity b, and b equals the quantity, c, then a and c are equal as well.

12. Two equations that have the same solution

**Down**

1. The \_\_\_\_\_ of an equation in one variable is any number that will make the equation a true statement.

2. A mathematical statement that two things are equal.

3. An equation that is true for only particular values of the variable

4. The \_\_\_\_\_ property of equality states that if quantity a equals quantity b, then b equals a.

5. The \_\_\_\_\_ property of equality tells us that any quantity is equal to itself

6. An equation that is true for all possible values of the variable

8. The \_\_\_\_\_ Property of Equality states that if you multiply both sides of an equation by the same number, the sides remain equal