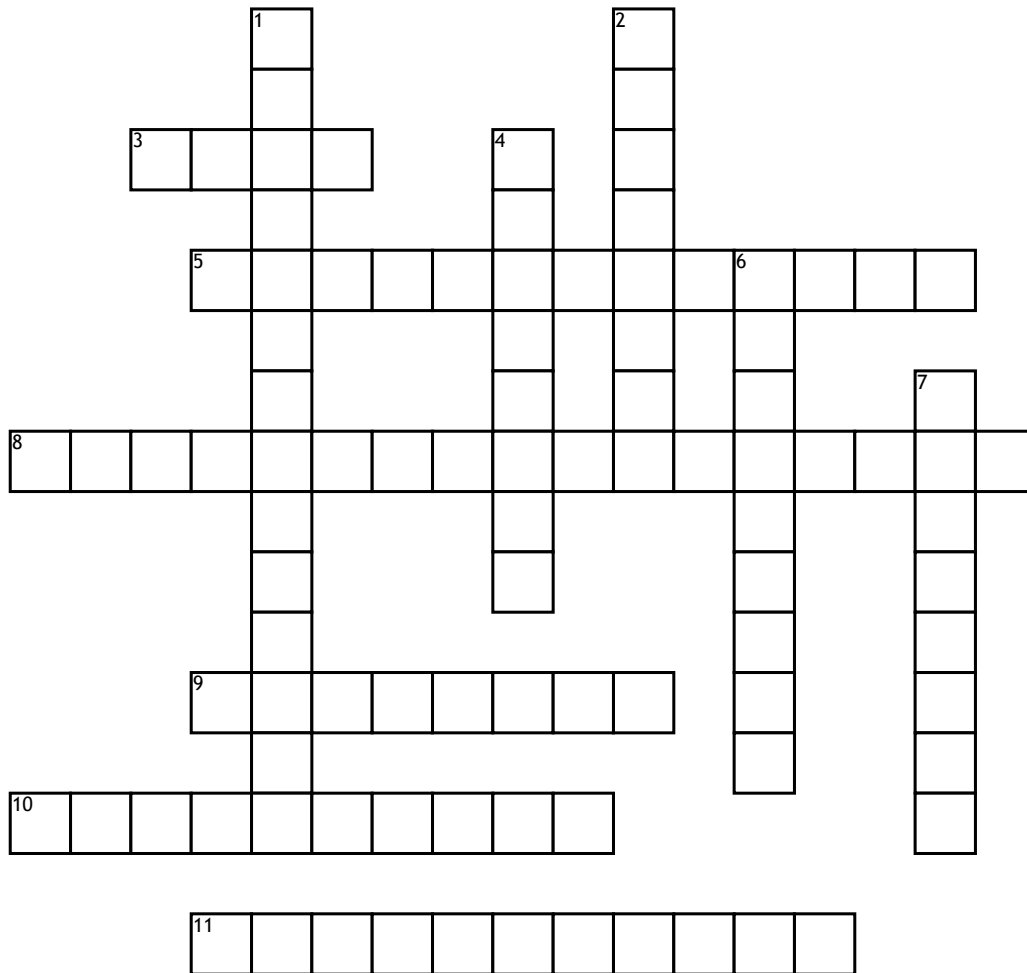


# Linear Equations



## Across

3. The gradient of a horizontal line is ;
5. Lines that are at a right angle to each other
8. The length of a line segment can be calculated using what?
9. Lines that point in the same direction
10. The constant crosses where on a Cartesian plane
11. A number placed before a pronumeral

## Down

1. A French Mathematician called Renee Descartes was credited with creating what?
2. The steepness of a linear line is commonly known as
4. In the equation  $y = mx + c$  what does  $c$  stand for?
6. The gradient of a vertical line is called
7. The gradient of the line joining  $(0, 3)$  and  $(5, 0)$  is ;

## Word Bank

parallel  
undefined  
y intercept  
negative

Cartesian plane  
coefficient  
Pythagoras theorem  
perpendicular

zero  
constant  
gradient