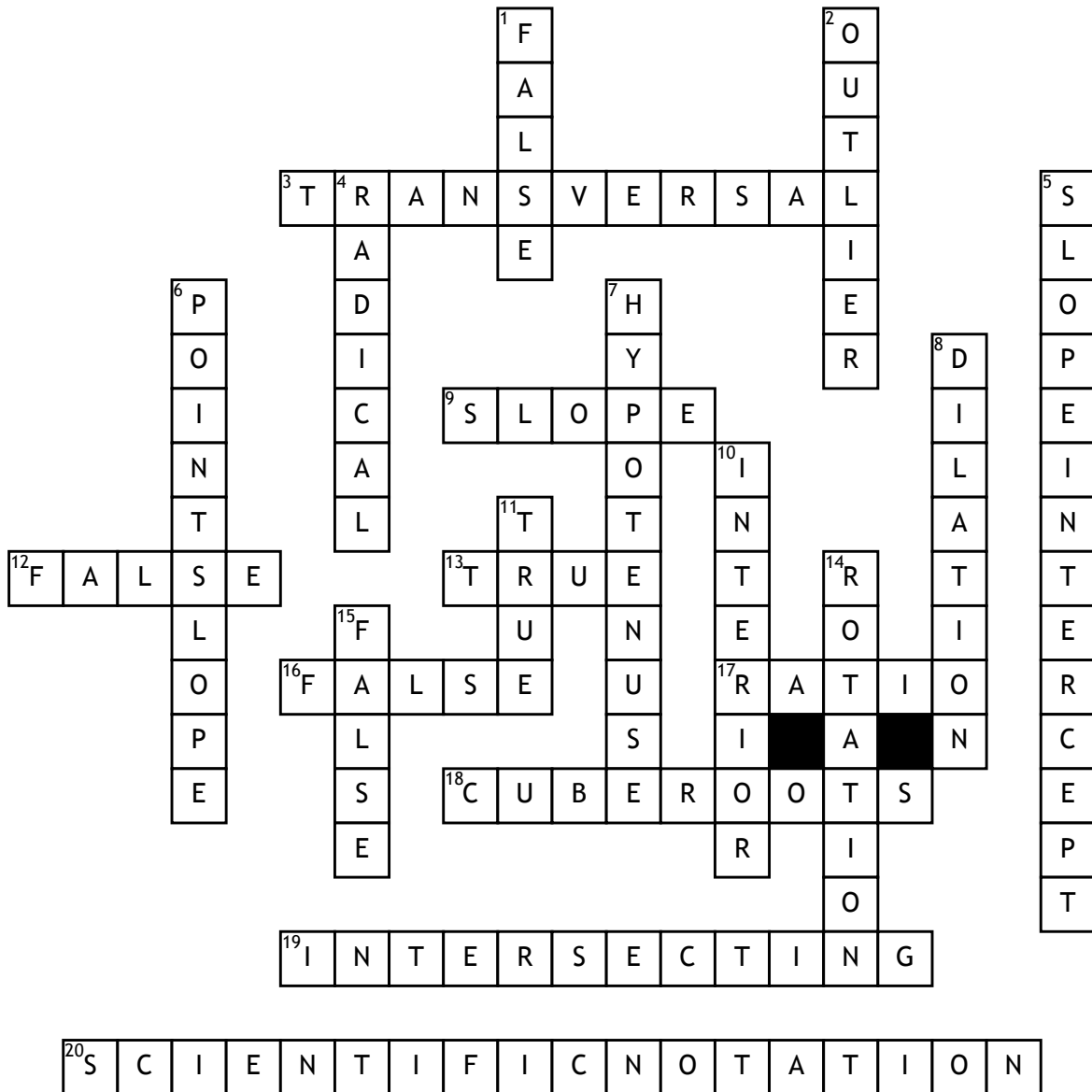


# 8th Grade Algebra



**Across**

- 3. a line that intersects two or more lines at different points
- 9. ratio that compares the change in the y-coordinates of a graph to change the x-coordinates
- 12. 3 over the square root of 81 = 27
- 13.  $5 - (-3) = 1/5$  over 3
- 16. 9 with a exponent of -2 x 9 with a exponent of 2 = 9 with a exponent of positive 4
- 17. comparison of two numbers

- 18. the symbol 3 over the square root symbol represents
- 19. lines meet at a certain point
- 20. a way to abbreviate very large or very small numbers using the powers of 10

**Down**

- 1.  $x$  over  $2 = y^2, x=21$
- 2. 3,8,11,13,20 these data points are examples of
- 4. the square root symbol represents
- 5.  $y=2x+5$  is a written from called

- 6. written form  $(y-y_1)=m(x-x_1)$
- 7. the longest side of a right triangle, opposite the right angle
- 8. a transformation that changes the size of a figure, not the shape
- 10. the angle of a polygon and its vertex is formed by two sides of a polygon
- 11. 7 with a exponent of 2 x 7 with a exponent of 3 = 7 with a exponent of 5
- 14. a turn of a figure around a fixed point
- 15.  $2^*=0$