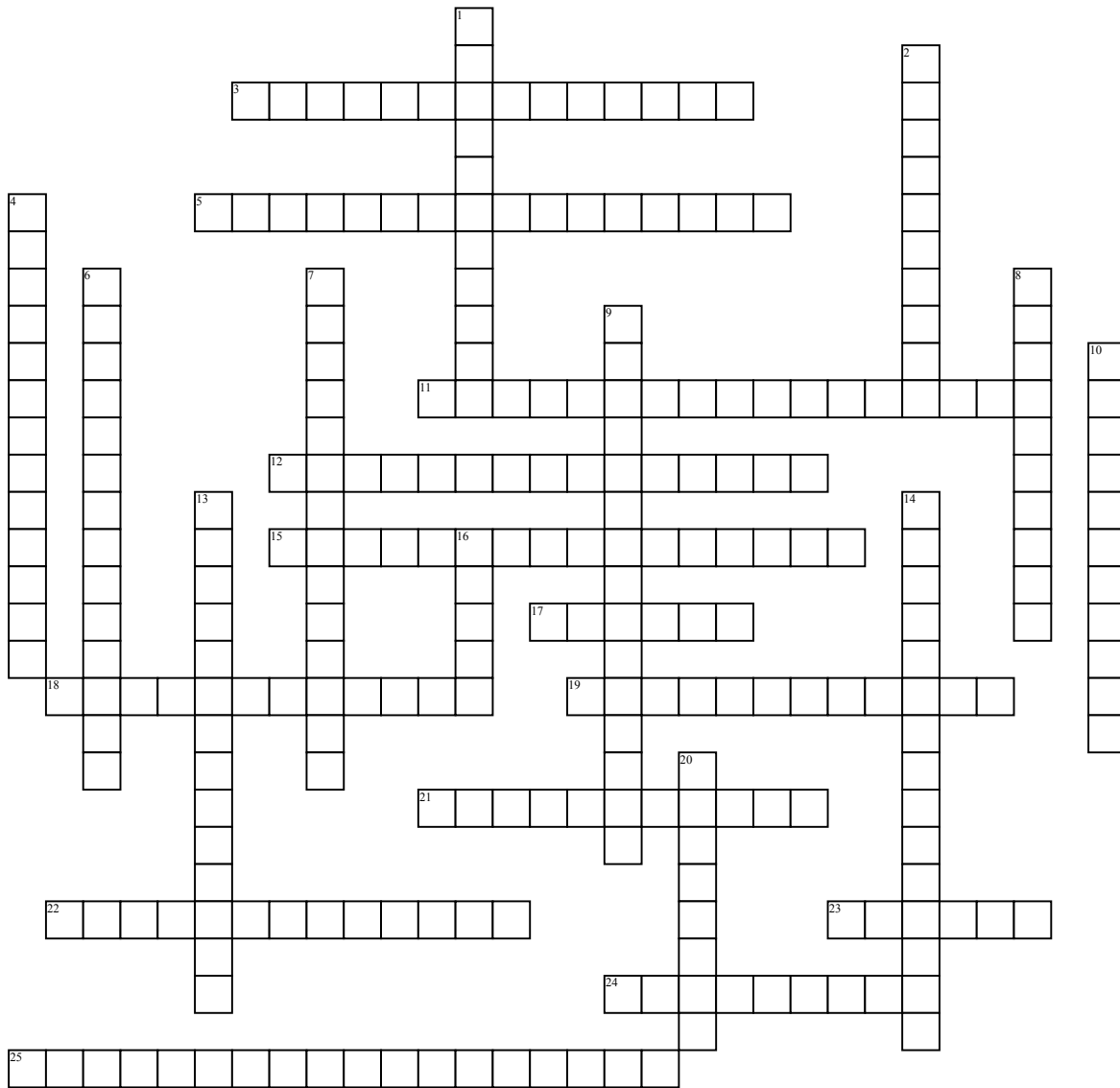# Math Criss-Cross Puzzle

Across

3. 2 perpendicular number lines : X and Y axis used to locate a point on the graph p

5. 2 Angles that have the same terminal and initial side

11. Short cut way of dividing polynomials when using a linear factor

12. $(x\_1 + x\_2)/2, (y\_1 + y\_2)/2$

15. The number that describes the amount of rotation from the initial side to the terminial side

17. The endpoint of a ray

18. The final position of a circular function

19. $a2 = b2 + c2 - 2bccosA$ $b2 = a2 + c2 - 2accosB$

21. A mathematics course that prepares students for calculus

22. Any number that can be written in the form of $a + bi$

23. Set of all input values X

24. Two parts $(3x+2)$

25. $a2 + b2 = c2$

Down

1. Measure of triangles

2. Any triangle with A,B,C and opposite sides a,b,c

4. $(x-h)2 + (y-k)2 = r2$

6. $y = mx + b$

7. Clockwise rotations of a circular function

8. $y - y1 = m(x - x1)$

9. $A = 1/2bh$

10. The beginning of a ray

13. Counter-clockwise rotations of a circular function

14. $\sqrt{(x\_2 - x\_1)^2 + (y\_2 - y\_1)^2}$

16. set of all output values Y

20. A relation where for every domain there is only one range value