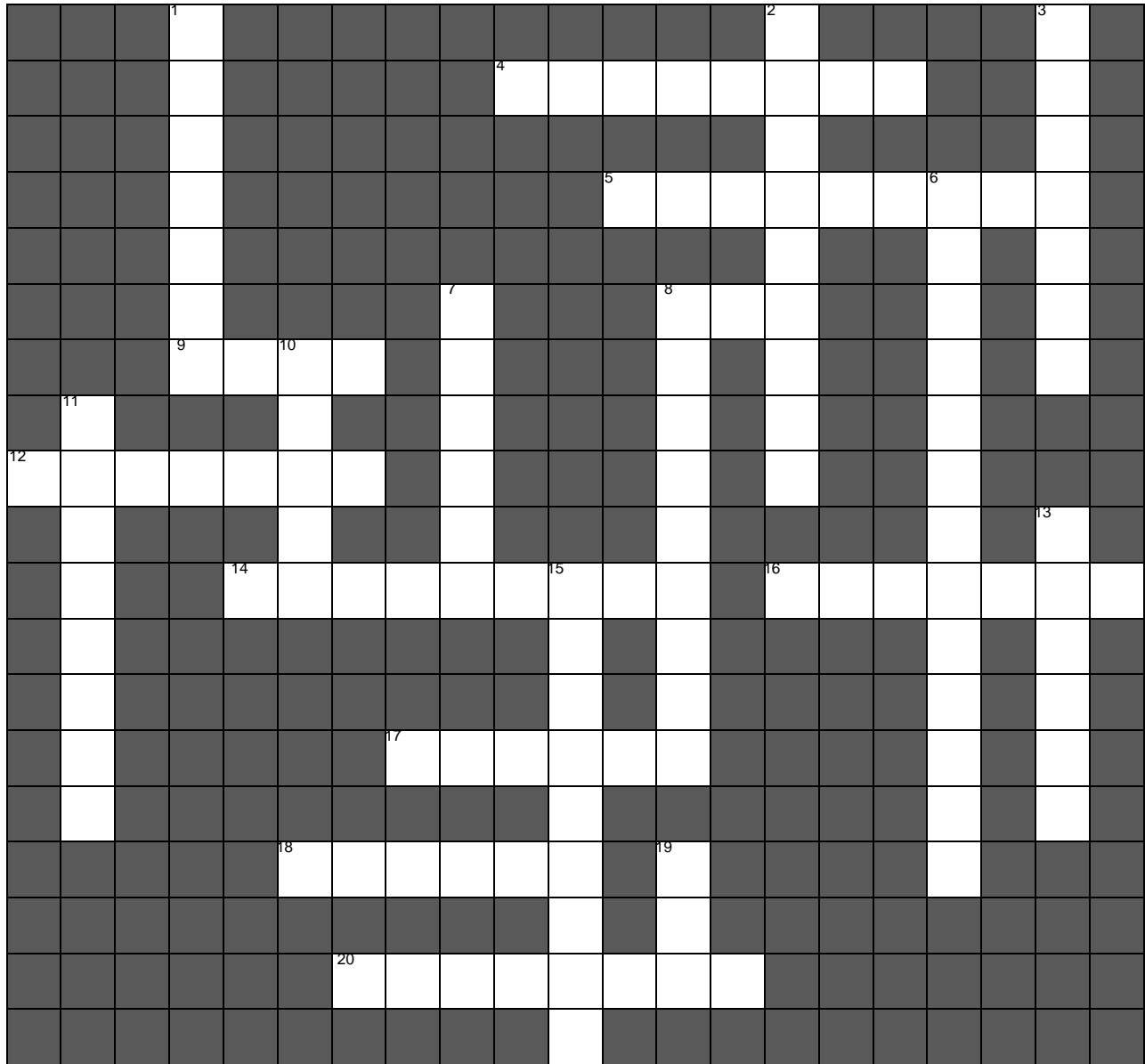# Order of Operations Crossword

Solve the problems on the next page using the correct order of operations. Then use the number of your solution to identify the correct word from the Word Bank (also on the next page) to enter into the crossword puzzle.

Word Bank		
–23 international	30 function	–22 IDE
18 magnitude	12 program	46 astronaut
1 computer	4 normal	–12 motion
–25 resultant	11 Newton	13 direction
9 satellite	–13 space	25 station
41 friction	–20 degrees	43 freedom
–2 SPHERES	10 MIT	14 mass

Across

4. $7 \times (2 + 3) - 5$

5. $13 - 2(4 - 2)$

8. $6 \times 2 - 5 + 12 \div 4$

9. $3 \times (16 - 12) + 2$

12. $2 + 5^2 - 15$

14. $2 + 3 \div 3 - 7 \times 2^2$

16. $7 + 10^2 \div 5 - 8 \div 2^2$

17. $(2 + 4)^2 - 14 \div 2 - 7^2$

18. $(17 - 15)^4 - 20 \div (1 + 3)$

20. $50 \div 5^{(4 \div 2)} - (2 \times 2 - 3)$

Down

1. $4 \times 7 + 15$

2. $16 - 12 \div 4$

3. $4 - 3 \times 2$

6. $20 - 15 \times (2 + 3) - 4(6 - 14)$

7. $(2 + 2 - 2 \times (2 + 2) + 2)^2$

8. $15 \div 5 + 15$

10. $4 + 7(3 - 5) - (12 \div 4)$

11. $17 + 2^3 \times 4 - 8$

13. $6 \div 2 + 7^2 - 4^3$

15. $20 \div 5 + 3 \times 4^2 - 3 \times 4 \div 2$

19. $30 \div 6 + 7^{(2-1)} - 17 \times 2$