## Substitution Bingo

Draw a 3 by 3 grid and enter 9 numbers between 1 and 30. Then,

a = 3 b = 4 c = 5 d = 2

1. b - a

11. ad + c

21. cb + 1

2. c - a

 $12. \ ab$ 

22.  $c^2 - a$ 

3. c-d

13. ca - d

23.  $c^2 - d$ 

4. b

14. 2c + b

24.6b

5. a + d

15. ac

25.  $c^2$ 

6. *ad* 

16.  $b^2$ 

26. 6c - b

7. a + b

17. 4c - a

27.  $c^2 + d$ 

8. 2b

18.  $b^2 + d$ 

28. 6c - d

9.  $a^2$ 

19.  $b^2 + a$ 

29.  $c^2 + b$ 

10. cd

20. cb

30. 6c

## Extension

Pick four different numbers between 1 and 9 for the letters a, b, c and d. Use these letters to make a new version of substitution bingo. (TIP: use two odd numbers and two even numbers for a, b, c and d).