

Expanding Single Brackets

Name: _____

Date: _____

Remember: When expanding brackets, multiply the term outside the bracket by each term inside the bracket.

Example: $3(x + 4) = 3 \times x + 3 \times 4 = 3x + 12$

Part A: Expand these expressions

1. $2(x + 5) =$

2. $4(y + 3) =$

3. $5(a + 7) =$

4. $3(m + 9) =$

5. $6(p + 2) =$

6. $7(n + 1) =$

7. $8(k + 4) =$

8. $9(t + 6) =$

Part B: Expand these expressions with subtraction

9. $3(x - 2) =$

10. $5(y - 4) =$

11. $4(a - 6) =$

12. $6(b - 3) =$

13. $7(c - 1) =$

14. $2(d - 8) =$

15. $9(e - 5) =$

16. $8(f - 7) =$

Part C: Expand these expressions with two terms

17. $4(2x + 3) =$

18. $3(5y + 2) =$

19. $5(3a - 4) =$

20. $2(4b - 7) =$

21. $6(2m + 5) =$

22. $7(3n - 1) =$

Part D: Challenge questions

23. $-3(x + 4) =$ _____

24. $-2(y - 5) =$ _____

25. $5(2a + 3b) =$ _____

26. $4(3x - 2y) =$ _____