**Expanding and simplifying single brackets**

**Set 1:**

1. 2(3x+4)+5(2x+1) 2. 4(2a+1)+3(a+5) 3. 3(x+2)+2(4x+3) 4. 2(5y+2)+4(3y+1)

5. 3(2x+3)+5(x+4) 6. 4(a+3)+2(2a+5) 7. 5(x+1)+3(3x+2) 8. 3(4y+1)+2(2y+3)

9. 2(3a+4)+4(a+2) 10. 4(x+3)+3(2x+1) 11. 3(2a+5)+2(a+3) 12. 5(3x+2)+2(4x+1)

13. 2(4y+3)+3(2y+2) 14. 4(a+2)+5(3a+1) 15. 3(2x+4)+4(x+1) 16. 2(5a+3)+3(2a+4)

17. 4(3x+1)+2(2x+5) 18. 5(y+3)+3(2y+4) 19. 3(4a+2)+2(a+5) 10. 2(3x+1)+4(x+4)

**Set 2:**

1. 2(3x - 4) + 5(-2x + 1) 2. 4(−2a+1)+3(a−5) 3. 3(-x + 2) + 2(4x - 3) 4. 2(5y-2)+4(-3y + 1)

5. 3(2x - 3) + 5(-x + 4) 6. 4(a - 3) + 2(-2a + 5) 7. 5(-x + 1) + 3(3x - 2) 8. 3(4y-1)+2(-2y + 3)

9. 2(3a - 4) + 4(a - 2) 10. 4(x - 3) + 3(2x - 1) 11. 3(2a - 5) + 2(a - 3) 12. 5(3x-2)+2(4x - 1)

13. 2(4y - 3) + 3(-2y + 2) 14. 4(a - 2) + 5(3a - 1) 15. 3(2x - 4) + 4(x - 1) 16. 2(5a-3)+3(2a - 4)

17. 4(3x−1)+2(2x−5) 18. 5(y - 3) + 3(2y - 4) 19. 3(4a - 2) + 2(a - 5) 10. 2(3x-1)+4(x - 4)

**Set 3:**

1. 2(3x+4) −5(2x−1) 2. 4(-2a + 1) - 3(a + 5) 3. 3(-x + 2) - 2(4x - 3) 4. 2(5y-2)-4(-3y + 1)

5. 3(2x + 3) - 5(-x + 4) 6. 4(a + 3) - 2(-2a + 5) 7. 5(-x + 1) - 3(3x - 2) 8. 3(4y+1)-2(-2y + 3)

9. 2(3a + 4) - 4(a - 2) 10. 4(x + 3) - 3(2x - 1) 11. 3(2a + 5) - 2(a - 3) 12. 5(3x+2)-2(4x - 1)

13. 2(4y + 3) - 3(-2y + 2) 14. 4(a + 2) - 5(3a - 1) 15. 3(2x + 4) - 4(x - 1) 16. 2(5a+3)-3(2a - 4)

17. 4(3x + 1) - 2(2x - 5) 18. 5(y + 3) - 3(2y - 4) 19. 3(4a + 2) - 2(a - 5) 20. 2(3x+1)-4(x - 4)