

Homework #6

Expand

1. $5(y + 2) + y(2 + y)$

2. $-5(k + 4) - 3(4 + k)$

3. $4(x - 3) + x(x + 5)$

4. $5(x + 3) - 4(x - 2)$

5. $5(y + 3) + -5(y + 1)$

6. $4(k - 4) + 2(k - 1)$

7. $4(x + 5) - (x - 5)$

8. $x(x + 5) - 5(x + 4)$

9. $4(x + 4) - 3(x - 3)$

10. $2(x - 3) + 6(x + 4)$

11. $5(x + 2) - 10(x - 1)$

12. $5(4 + x) - 6(x + 4)$

13. $(x - 5)(x + 8)$

14. $(x - 5)(x - 2)$

15. $(x - 2)(x + 7)$

16. $(x - 2)(x - 1)$

17. $(x + 5)(x - 5)$

18. $(k - 6)(k + 2)$

19. $(q - 5)(q + 7)$

20. $(x - 3)(x + 3)$

21. $(x - 5)(x - 3)$

22. $(x - y)(y - x)$

23. $(x + 3)^2$

24. $(5 - x)^2$