

Grouping

1. $8x^3 - 64x^2 + x - 8$

2. $12y^3 - 21y^2 + 28y - 49$

3. $6x^3 - 16x^2 + 21x - 56$

4. $12z^3 + 2z^2 - 30z - 5$

5. $63y^3 + 54y^2 - 105y - 90$

6. $25a^3 + 5a^2 + 30a + 6$

7. $96x^3 - 84x^2 + 112x - 98$

8. $4z^3 - 12z^2 - 5z + 15$

9. $24y^3 + 15y^2 - 56y - 35$

10. $56xw + 49xk^2 - 24yw - 21yk^2$

11. $12x^2u + 3x^2v + 28yu + 7yv$

12. $12bc - 4bd - 15xc + 5xd$

13. $56xy - 35x + 16ry - 10r$

14. $5a^2w - 4a^2y + 15xw - 12xy$

15. $21xy - 12b^2 + 14xb - 18by$

16. $28xy + 25 + 35x + 20y$

17. $30uv + 30u + 36u^2 + 25v$

18. $9mz - 4nc + 3mc - 12nz$

19. $4xy + 6 - x - 24y$

20. $21xy + 15x + 35ry + 25r$