

Examples:

- 1) $3(a + 2) = 3a + 6$
- 2) $5(b - 3) = 5b - 15$
- 3) $2(3b - 4) = 6b - 8$

Simplify:

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|--------------------------|---------------------------------|
| 1. $4(b + 3) = 4b + 12$ | 11. $4(4a + 2) = 16a + 8$ |
| 2. $5(c + 2) = 5c + 10$ | 12. $5(2m + 1) = 10m + 5$ |
| 3. $7(d - 5) = 7d - 35$ | 13. $6(4n - 3) = 24n - 18$ |
| 4. $8(e + 4) = 8e + 32$ | 14. $3(5b + 3) = 15b + 9$ |
| 5. $3(h - 1) = 3h - 3$ | 15. $2(7c - 3) = 14c - 6$ |
| 6. $8(m - 4) = 8m - 32$ | 16. $8(2z + 9) + 4z = 20z + 72$ |
| 7. $2(t + 2) = 2t + 4$ | 17. $2(8b - a) - b = 15b - 2a$ |
| 8. $7(b - 3) = 7b - 21$ | 18. $2(10 - 4b) + 9b = 20 + b$ |
| 9. $4(x + 4) = 4x + 16$ | 19. $2(7 - 4b) - 3 = 11 - 8b$ |
| 10. $6(w - 8) = 6w - 48$ | 20. $2(b - 4) + 3b = 5b - 8$ |