

Expanding Single Brackets

1. $3(4x + 2) =$

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

3. $3(2 - 4x) =$

4. $3(4x - 2) =$

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

6. $-3(4x - 2) =$

7. $-(4x - 2) =$

8. $-(4x + 2) =$

9. $-(x + 2) =$

10. $-(x - 2) =$

11. $-(2 - x) =$

12. $-6(2 - x) =$

13. $-6(2 - 2x) =$

14. $-6(1 - 2x) =$

15. $6(1 - 2x) =$

16. $6(2x - 1) =$

17. $6(2x + 1) =$

18. $(2x + 1)6 =$

19. $(2x - 1)6 =$

20. $12\left(x - \frac{1}{2}\right) =$

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Expanding Single Brackets: ANSWERS

1. $3(4x + 2) = 12x + 6$

2. $3(2 + 4x) = 6 + 12x$

3. $3(2 - 4x) = 6 - 12x$

4. $3(4x - 2) = 12x - 6$

5. $-3(4x + 2) = -12x - 6$

6. $-3(4x - 2) = -12x + 6$

7. $-(4x - 2) = -4x + 2$

8. $-(4x + 2) = -4x - 2$

9. $-(x + 2) = -x - 2$

10. $-(x - 2) = -x + 2$

11. $-(2 - x) = -2 + x$

12. $-6(2 - x) = -12 + 6x$

13. $-6(2 - 2x) = -12 + 12x$

14. $-6(1 - 2x) = -6 + 12x$

15. $6(1 - 2x) = 6 - 12x$

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11. $-(2 - x) = -2 + x$

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18. $(2x + 1)6 = 12x + 6$

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20. $12\left(x - \frac{1}{2}\right) = 12x - 6$