

# WORKʃHEET

Express the following expressions in an expanded form.

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|--------------------|-------------------|-------------------|--------------------|
| 1. $12(5x + 5)$    | 13. $10(3x + 10)$ | 25. $5(12x + 4)$  | 37. $5(10x + 13)$  |
| 2. $2(2x + 2)$     | 14. $5(3x + 5)$   | 26. $6(4x + 8)$   | 38. $4(6x + 11)$   |
| 3. $9(7x + 13)$    | 15. $7(13x + 10)$ | 27. $13(3x + 10)$ | 39. $11(3x + 4)$   |
| 4. $11(6x + 3)$    | 16. $9(10x + 13)$ | 28. $11(9x + 9)$  | 40. $5(10x + 5)$   |
| 5. $2(11x + 7)$    | 17. $2(7x + 2)$   | 29. $3(11x + 3)$  | 41. $13(13x + 13)$ |
| 6. $5(3x + 6)$     | 18. $7(9x + 6)$   | 30. $6(4x + 5)$   | 42. $3(12x + 6)$   |
| 7. $3(3x + 10)$    | 19. $9(4x + 5)$   | 31. $4(7x + 11)$  | 43. $13(12x + 5)$  |
| 8. $4(11x + 10)$   | 20. $13(2x + 7)$  | 32. $4(7x + 8)$   | 44. $3(4x + 4)$    |
| 9. $4(6x + 10)$    | 21. $11(5x + 7)$  | 33. $11(10x + 9)$ | 45. $12(5x + 6)$   |
| 10. $7(4x + 9)$    | 22. $7(11x + 8)$  | 34. $5(4x + 13)$  | 46. $6(6x + 4)$    |
| 11. $5(3x + 6)$    | 23. $9(13x + 9)$  | 35. $8(7x + 8)$   | 47. $11(7x + 5)$   |
| 12. $11(11x + 11)$ | 24. $8(2x + 10)$  | 36. $13(10x + 7)$ | 48. $11(8x + 2)$   |

— Ansʃwers —

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|------------------|-----------------|-----------------|------------------|
| 1. $60x + 60$    | 13. $30x + 100$ | 25. $60x + 20$  | 37. $50x + 65$   |
| 2. $4x + 4$      | 14. $15x + 25$  | 26. $24x + 48$  | 38. $24x + 44$   |
| 3. $63x + 117$   | 15. $91x + 70$  | 27. $39x + 130$ | 39. $33x + 44$   |
| 4. $66x + 33$    | 16. $90x + 117$ | 28. $99x + 99$  | 40. $50x + 25$   |
| 5. $22x + 14$    | 17. $14x + 4$   | 29. $33x + 9$   | 41. $169x + 169$ |
| 6. $15x + 30$    | 18. $63x + 42$  | 30. $24x + 30$  | 42. $36x + 18$   |
| 7. $9x + 30$     | 19. $36x + 45$  | 31. $28x + 44$  | 43. $156x + 65$  |
| 8. $44x + 40$    | 20. $26x + 91$  | 32. $28x + 32$  | 44. $12x + 12$   |
| 9. $24x + 40$    | 21. $55x + 77$  | 33. $110x + 99$ | 45. $60x + 72$   |
| 10. $28x + 63$   | 22. $77x + 56$  | 34. $20x + 65$  | 46. $36x + 24$   |
| 11. $15x + 30$   | 23. $117x + 81$ | 35. $56x + 64$  | 47. $77x + 55$   |
| 12. $121x + 121$ | 24. $16x + 80$  | 36. $130x + 91$ | 48. $88x + 22$   |