

WORKSHEET

Express the following expressions in an expanded form.

- | | | | |
|--------------------|-------------------|-------------------|--------------------|
| 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. $11(8x + 2)$ |

— Answers —

- | | | | |
|------------------|-----------------|-----------------|------------------|
| 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. $88x + 22$ |