

Adding and Subtracting Polynomials
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Add or subtract as indicated.

Answers

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|---|------------------|
| 1. $(3x+2)+(4x+6)$ | 1. $7x+8$ |
| 2. $(2x+y+3z)+(x-y+z)$ | 2. $3x+z$ |
| 3. $(x^2+2)+(x^2-5)$ | 3. $2x^2-3$ |
| 4. $(3a^2+2a-1)+(a^2+a+1)$ | 4. $4a^2+3a$ |
| 5. $(2x^2+3x-1)+(x^2-x+2)$ | 5. $3x^2+2x+1$ |
| 6. $(2z-z^2+5)+(z^2-3z+1)$ | 6. $-z+6$ |
| 7. $(3-2t^2+t)+(t^2-t-3)$ | 7. $-t^2$ |
| 8. $(4m-2n)-(3m+3n)$ | 8. $m-5n$ |
| 9. $(6a+2b-7)-(a-b+2)$ | 9. $5a+3b-9$ |
| 10. $(q^2+8)-(4q^2+1)$ | 10. $-3q^2+7$ |
| 11. $(6d^2+3d+1)-(d^2-3d-5)$ | 11. $5d^2+6d+6$ |
| 12. $(2x^2+3x-1)-(-2x^2+3x-1)$ | 12. $4x^2$ |
| 13. $(3x^2+5)-(x+1)$ | 13. $3x^2-x+4$ |
| 14. $(3x+7x^2-6)-(5x^2+x+9)$ | 14. $2x^2+2x-15$ |
| 15. $(x^2-7x+10)+(2x^2+2x-3)-(3x^2-5x+7)$ | 15. 0 |

Please visit the Learning Lab for further assistance.