



Simplify each expression by combining like terms.

Answers

1) $1+4+3+9x$

1. _____

2) $15+7y^9-14-8-6-15$

2. _____

3) $2y^7+8y-8y+14y^6$

3. _____

4) $8x^7+5x^7+13x^7+9$

4. _____

5) $12y^2+10y^2-15y^2$

5. _____

6) $-4y-5y-1y^5+1y+14y-9y^5$

6. _____

7) $-8y-8z+11z+7$

7. _____

8) $-14y+3x-13x-1$

8. _____

9) $-15y-3y+9$

9. _____

10) $-14x-13y^7+6x$

10. _____

11) $-14+4z-10-6z$

11. _____

12) $-10y-15y^2+10z-1y+7z+8y^2$

12. _____

13) $-6y^3-7y^3+14y^3-9x^8$

13. _____

14) $6x^8-13x-13x^8-10x^8$

14. _____



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Answers

- | | |
|---------------------------------|---------------------------------------|
| 1) $1+4+3+9x$ | 1. <u>$8+9x$</u> |
| 2) $15+7y^9-14-8-6-15$ | 2. <u>$-28+7y^9$</u> |
| 3) $2y^7+8y-8y+14y^6$ | 3. <u>$2y^7+0y+14y^6$</u> |
| 4) $8x^7+5x^7+13x^7+9$ | 4. <u>$26x^7+9$</u> |
| 5) $12y^2+10y^2-15y^2$ | 5. <u>$7y^2$</u> |
| 6) $-4y-5y-1y^5+1y+14y-9y^5$ | 6. <u>$6y-10y^5$</u> |
| 7) $-8y-8z+11z+7$ | 7. <u>$-8y+3z+7$</u> |
| 8) $-14y+3x-13x-1$ | 8. <u>$-14y-10x-1$</u> |
| 9) $-15y-3y+9$ | 9. <u>$-18y+9$</u> |
| 10) $-14x-13y^7+6x$ | 10. <u>$-8x-13y^7$</u> |
| 11) $-14+4z-10-6z$ | 11. <u>$-24-2z$</u> |
| 12) $-10y-15y^2+10z-1y+7z+8y^2$ | 12. <u>$-11y-7y^2+17z$</u> |
| 13) $-6y^3-7y^3+14y^3-9x^8$ | 13. <u>$1y^3-9x^8$</u> |
| 14) $6x^8-13x-13x^8-10x^8$ | 14. <u>$-17x^8-13x$</u> |



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6) $-4y-5y-1y^5+1y+14y-9y^5$

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