Simplifying Expressions Name:

Simplify each expression by combining like terms.

1) $-3x+5y^4+10y^4+10y^4$

2) $8y^8-7z+3y^8+9y$

3) $9x-15-6$

4) $-8y^2-14x+14x+0y^2+13x$

5) $13x-4x+13x-11x^3-13z$

6) $15y^9+8y^4+12y^9-5y^9+2y^9$

7) $15x-2y^6-3x-6x^2$

8) $-9y+0y-8y-13y^7$

9) $-3x-3+13y$

10) $12y^2-7y+6y^2-1x^5-15y$

11) $-1y-14y^6+8y^6+15y$

12) $0x+13x^7+11y+10y$

13) $-8y^3+3+14y^3$

14) $7z-1x^5+6x^5+11$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____

1-10	93	86	79	71	64	57	50	43	36	29
11-14	21	14	7	0						

Simplifying Expressions Name: **Answer Key**

Simplify each expression by combining like terms.

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12) $0x+13x^7+11y+10y$

13) $-8y^3+3+14y^3$

14) $7z-1x^5+6x^5+11$

Answers

1. $-3x+25y^4$
2. $11y^8-7z+9y$
3. $9x-21$
4. $-8y^2+13x$
5. $22x-11x^3-13z$
6. $24y^9+8y^4$
7. $12x-2y^6-6x^2$
8. $-17y-13y^7$
9. $-3x-3+13y$
10. $18y^2-22y-1x^5$
11. $14y-6y^6$
12. $0x+13x^7+21y$
13. $6y^3+3$
14. $7z+5x^5+11$

1-10	93	86	79	71	64	57	50	43	36	29
11-14	21	14	7	0						