



Simplify each expression by combining like terms.

Answers

1)  $7x+6x-15x^2+1x^2$

1. \_\_\_\_\_

2)  $-6y^8+8x+8x+0y^8$

2. \_\_\_\_\_

3)  $-4x-1y^5-5x+9x$

3. \_\_\_\_\_

4)  $-1z-6z-9y^5-12y^5$

4. \_\_\_\_\_

5)  $-4x^8-2y^6+12y-13x^8-4x^8$

5. \_\_\_\_\_

6)  $2-1y+5y^3-6y^3-3y$

6. \_\_\_\_\_

7)  $11x^3+7x-14y^6+7x^3-13x$

7. \_\_\_\_\_

8)  $-11x^7-6z+1-2x^7$

8. \_\_\_\_\_

9)  $-11y-13x-10x-6x+3x-11y^3$

9. \_\_\_\_\_

10)  $6x+3y^5-7y^5+0x+6y^5$

10. \_\_\_\_\_

11)  $-6y^3+4x^5-8y^9+7y^3$

11. \_\_\_\_\_

12)  $-13x^3+1x+10x-13x^3+5y^4$

12. \_\_\_\_\_

13)  $15x^3-3x^3+15x^3+9y^4+7x$

13. \_\_\_\_\_

14)  $9x^9+15x^9+10x^9+2x^9-3$

14. \_\_\_\_\_



Simplify each expression by combining like terms.

1)  $7x+6x-15x^2+1x^2$

2)  $-6y^8+8x+8x+0y^8$

3)  $-4x-1y^5-5x+9x$

4)  $-1z-6z-9y^5-12y^5$

5)  $-4x^8-2y^6+12y-13x^8-4x^8$

6)  $2-1y+5y^3-6y^3-3y$

7)  $11x^3+7x-14y^6+7x^3-13x$

8)  $-11x^7-6z+1-2x^7$

9)  $-11y-13x-10x-6x+3x-11y^3$

10)  $6x+3y^5-7y^5+0x+6y^5$

11)  $-6y^3+4x^5-8y^9+7y^3$

12)  $-13x^3+1x+10x-13x^3+5y^4$

13)  $15x^3-3x^3+15x^3+9y^4+7x$

14)  $9x^9+15x^9+10x^9+2x^9-3$

**Answers**

1.  $13x-14x^2$

2.  $-6y^8+16x$

3.  $0x-1y^5$

4.  $-7z-21y^5$

5.  $-21x^8-2y^6+12y$

6.  $2-4y-1y^3$

7.  $18x^3-6x-14y^6$

8.  $-13x^7-6z+1$

9.  $-11y-26x-11y^3$

10.  $6x+2y^5$

11.  $1y^3+4x^5-8y^9$

12.  $-26x^3+11x+5y^4$

13.  $27x^3+9y^4+7x$

14.  $36x^9-3$



Simplify each expression by combining like terms.

Answers

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

1. \_\_\_\_\_

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

2. \_\_\_\_\_

3)  $9x-15-6$

3. \_\_\_\_\_

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

4. \_\_\_\_\_

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

5. \_\_\_\_\_

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

6. \_\_\_\_\_

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

7. \_\_\_\_\_

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

8. \_\_\_\_\_

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

9. \_\_\_\_\_

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

10. \_\_\_\_\_

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

11. \_\_\_\_\_

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

12. \_\_\_\_\_

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

13. \_\_\_\_\_

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

14. \_\_\_\_\_



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.  $-3x+25y^4$

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.  $7z+5x^5+11$



Simplify each expression by combining like terms.

Answers

1)  $3z+13x-4z+11x$

1. \_\_\_\_\_

2)  $9y^4-2y^7+10y^7-11y^4+14y$

2. \_\_\_\_\_

3)  $-4z-5y^5+14y^5$

3. \_\_\_\_\_

4)  $9y^5+15y^5-4y^5-8x+13y$

4. \_\_\_\_\_

5)  $10x+13y^5-8y^5-2x+6y+14y^5$

5. \_\_\_\_\_

6)  $3x+2y+6y$

6. \_\_\_\_\_

7)  $6y-15y^5+6y+3y$

7. \_\_\_\_\_

8)  $11x^7+1x^7+14y$

8. \_\_\_\_\_

9)  $-2z+9y+6z-13y^5+5z$

9. \_\_\_\_\_

10)  $-1y^5-5y-7y^5$

10. \_\_\_\_\_

11)  $11x^9+14x^9-11x^9-2y^7$

11. \_\_\_\_\_

12)  $3y^9+2y-13z-6z+12y^9$

12. \_\_\_\_\_

13)  $-12+1-15+9y$

13. \_\_\_\_\_

14)  $15-14+9-10x^9-10x^9-15y^4$

14. \_\_\_\_\_



Simplify each expression by combining like terms.

1)  $3z+13x-4z+11x$

2)  $9y^4-2y^7+10y^7-11y^4+14y$

3)  $-4z-5y^5+14y^5$

4)  $9y^5+15y^5-4y^5-8x+13y$

5)  $10x+13y^5-8y^5-2x+6y+14y^5$

6)  $3x+2y+6y$

7)  $6y-15y^5+6y+3y$

8)  $11x^7+1x^7+14y$

9)  $-2z+9y+6z-13y^5+5z$

10)  $-1y^5-5y-7y^5$

11)  $11x^9+14x^9-11x^9-2y^7$

12)  $3y^9+2y-13z-6z+12y^9$

13)  $-12+1-15+9y$

14)  $15-14+9-10x^9-10x^9-15y^4$

Answers

1.  $-1z+24x$

2.  $-2y^4+8y^7+14y$

3.  $-4z+9y^5$

4.  $20y^5-8x+13y$

5.  $8x+19y^5+6y$

6.  $3x+8y$

7.  $15y-15y^5$

8.  $12x^7+14y$

9.  $9z+9y-13y^5$

10.  $-8y^5-5y$

11.  $14x^9-2y^7$

12.  $15y^9+2y-19z$

13.  $-26+9y$

14.  $10-20x^9-15y^4$



Simplify each expression by combining like terms.

Answers

1)  $1+15y^6+1+7$

1. \_\_\_\_\_

2)  $3z-10z-9x^6$

2. \_\_\_\_\_

3)  $0-1+4y^7-3x-11x$

3. \_\_\_\_\_

4)  $11x-12y-1y-3y-12z$

4. \_\_\_\_\_

5)  $-12x^6+14y^3+15y^3-4x^6-3y^4$

5. \_\_\_\_\_

6)  $1-11z+8$

6. \_\_\_\_\_

7)  $10y^9-9z-13z$

7. \_\_\_\_\_

8)  $-9x-15y-6x+7x-12x-7z$

8. \_\_\_\_\_

9)  $-13-9y^9-4-10y^9-8x^6+8y^9$

9. \_\_\_\_\_

10)  $12+0x^4+12x^4$

10. \_\_\_\_\_

11)  $-6z-5x^7+1y^2-6x^7$

11. \_\_\_\_\_

12)  $5y^4+7y^4+9y-3y^4-13z$

12. \_\_\_\_\_

13)  $9z-11x+3z+11z$

13. \_\_\_\_\_

14)  $4x^7-11y-7z$

14. \_\_\_\_\_



Simplify each expression by combining like terms.

1)  $1+15y^6+1+7$

2)  $3z-10z-9x^6$

3)  $0-1+4y^7-3x-11x$

4)  $11x-12y-1y-3y-12z$

5)  $-12x^6+14y^3+15y^3-4x^6-3y^4$

6)  $1-11z+8$

7)  $10y^9-9z-13z$

8)  $-9x-15y-6x+7x-12x-7z$

9)  $-13-9y^9-4-10y^9-8x^6+8y^9$

10)  $12+0x^4+12x^4$

11)  $-6z-5x^7+1y^2-6x^7$

12)  $5y^4+7y^4+9y-3y^4-13z$

13)  $9z-11x+3z+11z$

14)  $4x^7-11y-7z$

**Answers**

1.  $9+15y^6$

2.  $-7z-9x^6$

3.  $-1+4y^7-14x$

4.  $11x-16y-12z$

5.  $-16x^6+29y^3-3y^4$

6.  $9-11z$

7.  $10y^9-22z$

8.  $-20x-15y-7z$

9.  $-17-11y^9-8x^6$

10.  $12+12x^4$

11.  $-6z-11x^7+1y^2$

12.  $9y^4+9y-13z$

13.  $23z-11x$

14.  $4x^7-11y-7z$





Simplify each expression by combining like terms.

Answers

1)  $8z+14y-15y+3y^4-7z+0y$

1. \_\_\_\_\_

2)  $13y^6-4x-7x+0y$

2. \_\_\_\_\_

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

3. \_\_\_\_\_

4)  $15y+9y^7+8y^7+2x$

4. \_\_\_\_\_

5)  $15x+7x^7-12x^7$

5. \_\_\_\_\_

6)  $-2y^6+11y-10y^6+1y^6+5y+11y^6$

6. \_\_\_\_\_

7)  $-9y^8-10y^5-5y^8-2y+14y^8-8y^8$

7. \_\_\_\_\_

8)  $-2y+8y+7x-15y-11y-10x$

8. \_\_\_\_\_

9)  $13y^5+12y^5-1y^5$

9. \_\_\_\_\_

10)  $4x-3x+8y$

10. \_\_\_\_\_

11)  $9z-15x-9x-8-15$

11. \_\_\_\_\_

12)  $-10z+13x+5z+9x^9-5x-1z$

12. \_\_\_\_\_

13)  $-2x+1z-1x$

13. \_\_\_\_\_

14)  $-1x+2z-8x-12z$

14. \_\_\_\_\_



Simplify each expression by combining like terms.

1)  $8z+14y-15y+3y^4-7z+0y$

2)  $13y^6-4x-7x+0y$

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

4)  $15y+9y^7+8y^7+2x$

5)  $15x+7x^7-12x^7$

6)  $-2y^6+11y-10y^6+1y^6+5y+11y^6$

7)  $-9y^8-10y^5-5y^8-2y+14y^8-8y^8$

8)  $-2y+8y+7x-15y-11y-10x$

9)  $13y^5+12y^5-1y^5$

10)  $4x-3x+8y$

11)  $9z-15x-9x-8-15$

12)  $-10z+13x+5z+9x^9-5x-1z$

13)  $-2x+1z-1x$

14)  $-1x+2z-8x-12z$

**Answers**

1.  $1z-1y+3y^4$

2.  $13y^6-11x+0y$

3.  $-8x^4+3x$

4.  $15y+17y^7+2x$

5.  $15x-5x^7$

6.  $0y^6+16y$

7.  $-8y^8-10y^5-2y$

8.  $-20y-3x$

9.  $24y^5$

10.  $1x+8y$

11.  $9z-24x-23$

12.  $-6z+8x+9x^9$

13.  $-3x+1z$

14.  $-9x-10z$



Simplify each expression by combining like terms.

Answers

1)  $-13y^5 + 2y^9 + 5y^9$

1. \_\_\_\_\_

2)  $15y^9 + 9 + 1x^8 - 11 - 9 + 2x^8$

2. \_\_\_\_\_

3)  $7x + 13z - 2z + 6$

3. \_\_\_\_\_

4)  $-5y^2 + 7x - 15y^2 + 0$

4. \_\_\_\_\_

5)  $2y + 8 - 5$

5. \_\_\_\_\_

6)  $7y^6 + 15x + 0x + 7y^5 + 3y^6$

6. \_\_\_\_\_

7)  $-14 + 14 + 2y^9 + 9y + 10y^9 - 11y^9$

7. \_\_\_\_\_

8)  $-3y^9 + 12z - 6y^9 + 7x + 10x$

8. \_\_\_\_\_

9)  $13x^6 + 13z + 13z + 0x^6$

9. \_\_\_\_\_

10)  $-1y + 0x^8 - 2x^8 + 8y^2 - 7y^2 + 10y^2$

10. \_\_\_\_\_

11)  $-1y^7 + 15y - 3y - 6 + 8y - 5$

11. \_\_\_\_\_

12)  $-12y + 2y^9 + 3x + 15y$

12. \_\_\_\_\_

13)  $-10z + 13y + 7z + 1z + 10z$

13. \_\_\_\_\_

14)  $10z - 10 + 12 + 9 - 12$

14. \_\_\_\_\_



Simplify each expression by combining like terms.

- 1)  $-13y^5 + 2y^9 + 5y^9$
- 2)  $15y^9 + 9 + 1x^8 - 11 - 9 + 2x^8$
- 3)  $7x + 13z - 2z + 6$
- 4)  $-5y^2 + 7x - 15y^2 + 0$
- 5)  $2y + 8 - 5$
- 6)  $7y^6 + 15x + 0x + 7y^5 + 3y^6$
- 7)  $-14 + 14 + 2y^9 + 9y + 10y^9 - 11y^9$
- 8)  $-3y^9 + 12z - 6y^9 + 7x + 10x$
- 9)  $13x^6 + 13z + 13z + 0x^6$
- 10)  $-1y + 0x^8 - 2x^8 + 8y^2 - 7y^2 + 10y^2$
- 11)  $-1y^7 + 15y - 3y - 6 + 8y - 5$
- 12)  $-12y + 2y^9 + 3x + 15y$
- 13)  $-10z + 13y + 7z + 1z + 10z$
- 14)  $10z - 10 + 12 + 9 - 12$

**Answers**

1.  $-13y^5 + 7y^9$
2.  $15y^9 - 11 + 3x^8$
3.  $7x + 11z + 6$
4.  $-20y^2 + 7x + 0$
5.  $2y + 3$
6.  $10y^6 + 15x + 7y^5$
7.  $0 + 1y^9 + 9y$
8.  $-9y^9 + 12z + 17x$
9.  $13x^6 + 26z$
10.  $-1y - 2x^8 + 11y^2$
11.  $-1y^7 + 20y - 11$
12.  $3y + 2y^9 + 3x$
13.  $8z + 13y$
14.  $10z - 1$



Simplify each expression by combining like terms.

Answers

1)  $-8+2+7-1y^8+7y^5$

1. \_\_\_\_\_

2)  $12y^4-12y^4+12y^5$

2. \_\_\_\_\_

3)  $-5y^2-9z-14y+13z-9y^2-13y^2$

3. \_\_\_\_\_

4)  $-15y+3y-8-4+5x-8x$

4. \_\_\_\_\_

5)  $14y^5+13y-14y-14y$

5. \_\_\_\_\_

6)  $-3-13+11y^8-4x^3+13y^8$

6. \_\_\_\_\_

7)  $13y^3+9x+3x^5$

7. \_\_\_\_\_

8)  $-8y^5-1y^5+11$

8. \_\_\_\_\_

9)  $12x-10x-10x+14x^2$

9. \_\_\_\_\_

10)  $-2y^9-10y^9-11y-9y^9+8x^3$

10. \_\_\_\_\_

11)  $2x+4-7x$

11. \_\_\_\_\_

12)  $2x+1z-5-12x-8x+10$

12. \_\_\_\_\_

13)  $-2x^4+0+13y^9-11y^9$

13. \_\_\_\_\_

14)  $-10y-3x^2+3y+2z+15z+14z$

14. \_\_\_\_\_



Simplify each expression by combining like terms.

1)  $-8+2+7-1y^8+7y^5$

2)  $12y^4-12y^4+12y^5$

3)  $-5y^2-9z-14y+13z-9y^2-13y^2$

4)  $-15y+3y-8-4+5x-8x$

5)  $14y^5+13y-14y-14y$

6)  $-3-13+11y^8-4x^3+13y^8$

7)  $13y^3+9x+3x^5$

8)  $-8y^5-1y^5+11$

9)  $12x-10x-10x+14x^2$

10)  $-2y^9-10y^9-11y-9y^9+8x^3$

11)  $2x+4-7x$

12)  $2x+1z-5-12x-8x+10$

13)  $-2x^4+0+13y^9-11y^9$

14)  $-10y-3x^2+3y+2z+15z+14z$

**Answers**

1.  $1-1y^8+7y^5$

2.  $0y^4+12y^5$

3.  $-27y^2+4z-14y$

4.  $-12y-12-3x$

5.  $14y^5-15y$

6.  $-16+24y^8-4x^3$

7.  $13y^3+9x+3x^5$

8.  $-9y^5+11$

9.  $-8x+14x^2$

10.  $-21y^9-11y+8x^3$

11.  $-5x+4$

12.  $-18x+1z+5$

13.  $-2x^4+0+2y^9$

14.  $-7y-3x^2+31z$



Simplify each expression by combining like terms.

Answers

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

1. \_\_\_\_\_

2)  $-4y - 11x^5 - 8y + 12x^5 - 5z$

2. \_\_\_\_\_

3)  $-6 - 3y - 15$

3. \_\_\_\_\_

4)  $10 + 8x^5 - 1x^5 + 14 + 2$

4. \_\_\_\_\_

5)  $8y^7 + 10y^8 + 0y^7 + 13x^3 - 6x^3 + 0x^3$

5. \_\_\_\_\_

6)  $2 + 10 + 0y^5 + 2 + 4 - 4y^9$

6. \_\_\_\_\_

7)  $-15y^2 - 5y^2 - 12y^2$

7. \_\_\_\_\_

8)  $12x^4 + 1y - 6y$

8. \_\_\_\_\_

9)  $-6y^3 + 5y^3 - 4y^5 + 6x^2 + 11y^5 - 4y^3$

9. \_\_\_\_\_

10)  $-8 + 10x^9 - 7x + 2 - 12 + 10$

10. \_\_\_\_\_

11)  $0y^7 + 10y^7 + 7y^7 + 9z + 10z$

11. \_\_\_\_\_

12)  $4y^5 - 9y^5 + 12x$

12. \_\_\_\_\_

13)  $4 + 5y + 11 - 7 - 7y$

13. \_\_\_\_\_

14)  $1 - 4 - 1x - 12y^9 + 13y^9$

14. \_\_\_\_\_



Simplify each expression by combining like terms.

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

2)  $-4y - 11x^5 - 8y + 12x^5 - 5z$

3)  $-6 - 3y - 15$

4)  $10 + 8x^5 - 1x^5 + 14 + 2$

5)  $8y^7 + 10y^8 + 0y^7 + 13x^3 - 6x^3 + 0x^3$

6)  $2 + 10 + 0y^5 + 2 + 4 - 4y^9$

7)  $-15y^2 - 5y^2 - 12y^2$

8)  $12x^4 + 1y - 6y$

9)  $-6y^3 + 5y^3 - 4y^5 + 6x^2 + 11y^5 - 4y^3$

10)  $-8 + 10x^9 - 7x + 2 - 12 + 10$

11)  $0y^7 + 10y^7 + 7y^7 + 9z + 10z$

12)  $4y^5 - 9y^5 + 12x$

13)  $4 + 5y + 11 - 7 - 7y$

14)  $1 - 4 - 1x - 12y^9 + 13y^9$

Answers

1.  $-12x^5 - 15y^6 - 5y$

2.  $-12y + 1x^5 - 5z$

3.  $-21 - 3y$

4.  $26 + 7x^5$

5.  $8y^7 + 10y^8 + 7x^3$

6.  $18 + 0y^5 - 4y^9$

7.  $-32y^2$

8.  $12x^4 - 5y$

9.  $-5y^3 + 7y^5 + 6x^2$

10.  $-8 + 10x^9 - 7x$

11.  $17y^7 + 19z$

12.  $-5y^5 + 12x$

13.  $8 - 2y$

14.  $-3 - 1x + 1y^9$





Simplify each expression by combining like terms.

Answers

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

1. \_\_\_\_\_

2)  $14y^3 - 4y - 9z$

2. \_\_\_\_\_

3)  $7y - 4x^8 - 2y^2 - 5y - 15y$

3. \_\_\_\_\_

4)  $11x + 0y^7 - 15y^7 - 5y^7 + 6y^7 + 12y^7$

4. \_\_\_\_\_

5)  $7y^3 + 7 - 13$

5. \_\_\_\_\_

6)  $0y^6 - 2y^6 + 11y^6 + 13y$

6. \_\_\_\_\_

7)  $13x^7 + 15y^2 + 6x^7 + 10y^3 + 8x^7 - 3y^2$

7. \_\_\_\_\_

8)  $0y^6 - 9y^6 + 7x - 2y^6$

8. \_\_\_\_\_

9)  $-11y^3 + 15y^3 + 3y^3 + 3y^3 - 2x - 8$

9. \_\_\_\_\_

10)  $0x^5 - 8 + 5$

10. \_\_\_\_\_

11)  $10x^3 + 7x + 12x^3 - 2x^3 - 9y^8 - 1x^3$

11. \_\_\_\_\_

12)  $0y^9 - 4y^6 - 13y^9 - 7y^6 + 4y^9$

12. \_\_\_\_\_

13)  $-9y + 10x^6 - 12y$

13. \_\_\_\_\_

14)  $-12x + 13 - 11y^5 + 12x - 5$

14. \_\_\_\_\_



Simplify each expression by combining like terms.

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

2)  $14y^3 - 4y - 9z$

3)  $7y - 4x^8 - 2y^2 - 5y - 15y$

4)  $11x + 0y^7 - 15y^7 - 5y^7 + 6y^7 + 12y^7$

5)  $7y^3 + 7 - 13$

6)  $0y^6 - 2y^6 + 11y^6 + 13y$

7)  $13x^7 + 15y^2 + 6x^7 + 10y^3 + 8x^7 - 3y^2$

8)  $0y^6 - 9y^6 + 7x - 2y^6$

9)  $-11y^3 + 15y^3 + 3y^3 + 3y^3 - 2x - 8$

10)  $0x^5 - 8 + 5$

11)  $10x^3 + 7x + 12x^3 - 2x^3 - 9y^8 - 1x^3$

12)  $0y^9 - 4y^6 - 13y^9 - 7y^6 + 4y^9$

13)  $-9y + 10x^6 - 12y$

14)  $-12x + 13 - 11y^5 + 12x - 5$

**Answers**

1.  $-5x^7 + 9y^2$

2.  $14y^3 - 4y - 9z$

3.  $-13y - 4x^8 - 2y^2$

4.  $11x - 2y^7$

5.  $7y^3 - 6$

6.  $9y^6 + 13y$

7.  $27x^7 + 12y^2 + 10y^3$

8.  $-11y^6 + 7x$

9.  $10y^3 - 2x - 8$

10.  $0x^5 - 3$

11.  $19x^3 + 7x - 9y^8$

12.  $-9y^9 - 11y^6$

13.  $-21y + 10x^6$

14.  $0x + 8 - 11y^5$



Simplify each expression by combining like terms.

Answers

1)  $0x+7x+9x$

1. \_\_\_\_\_

2)  $6z+1z-7+14z$

2. \_\_\_\_\_

3)  $0y+0+14x-2-3x$

3. \_\_\_\_\_

4)  $-10y^7+11x^4+6y^9+5y^9+7x^4$

4. \_\_\_\_\_

5)  $1y^4+10+12y^4+6+6x$

5. \_\_\_\_\_

6)  $-3x^4+12+15$

6. \_\_\_\_\_

7)  $-1+1y^5+14y^8-13+0-6$

7. \_\_\_\_\_

8)  $0y+12z-13z-8x^4-11y+1y$

8. \_\_\_\_\_

9)  $-6y+5+3y+13y-3z$

9. \_\_\_\_\_

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

10. \_\_\_\_\_

11)  $-4z+13z-4y$

11. \_\_\_\_\_

12)  $-4x-8-11-7x^9$

12. \_\_\_\_\_

13)  $-12-9y^5-12y^5-7y^5+2y$

13. \_\_\_\_\_

14)  $-8z-15y^3+7y^3$

14. \_\_\_\_\_



Simplify each expression by combining like terms.

1)  $0x+7x+9x$

2)  $6z+1z-7+14z$

3)  $0y+0+14x-2-3x$

4)  $-10y^7+11x^4+6y^9+5y^9+7x^4$

5)  $1y^4+10+12y^4+6+6x$

6)  $-3x^4+12+15$

7)  $-1+1y^5+14y^8-13+0-6$

8)  $0y+12z-13z-8x^4-11y+1y$

9)  $-6y+5+3y+13y-3z$

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

11)  $-4z+13z-4y$

12)  $-4x-8-11-7x^9$

13)  $-12-9y^5-12y^5-7y^5+2y$

14)  $-8z-15y^3+7y^3$

Answers

1.  $16x$

2.  $21z-7$

3.  $0y-2+11x$

4.  $-10y^7+18x^4+11y^9$

5.  $13y^4+16+6x$

6.  $-3x^4+27$

7.  $-20+1y^5+14y^8$

8.  $-10y-1z-8x^4$

9.  $10y+5-3z$

10.  $16y^6-7y^5$

11.  $9z-4y$

12.  $-4x-19-7x^9$

13.  $-12-28y^5+2y$

14.  $-8z-8y^3$