Name: _____ Date: _____

Fresh Math

Parts Of Algebraic Expressions - Medium

For each expression, name the coefficient of each variable, the constant term, and the number of terms.

1. 12y + 11 + 4x
2. 10y + 8x + 4
3. 4x + 9 + 6z + 3y
4. 6y + 2z + 11x + 7
5. 7x + 2y + 9
6. 11x + 4y + 7z + 12
7. 2x + 7 + 12y
8. 12 + 3z + 9y + 7x
9. 7y + 4x + 10
10. 2x + 7 + 10y

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For each expression, name the coefficient of each variable, the constant term, and the number of terms.

11. $6z + 5x + 7y + 11$

12. $4x + 12 + 11y + 5z$

13. $7z + 3 + 6x + 10y$

14. $5 + 9y + 11x$

15. $11 + 4y + 12x$

16. $9x + 8 + 12y$

17. $5y + 3x + 2$

18. $9x + 2y + 3$

19. $10 + 8y + 5x$

20. $4 + 8y + 4z + 2x$

Parts Of Algebraic Expressions - Medium - Answer Key

1. $12y + 11 + 4x$

   coefficients x: 4, y: 12; constant 11; 3 terms

2. $10y + 8x + 4$

   coefficients x: 8, y: 10; constant 4; 3 terms

3. $4x + 9 + 6z + 3y$

   coefficients x: 4, y: 3, z: 6; constant 9; 4 terms

4. $6y + 2z + 11x + 7$

   coefficients x: 11, y: 6, z: 2; constant 7; 4 terms

5. $7x + 2y + 9$

   coefficients x: 7, y: 2; constant 9; 3 terms

6. $11x + 4y + 7z + 12$

   coefficients x: 11, y: 4, z: 7; constant 12; 4 terms

7. $2x + 7 + 12y$

   coefficients x: 2, y: 12; constant 7; 3 terms

8. $12 + 3z + 9y + 7x$

   coefficients x: 7, y: 9, z: 3; constant 12; 4 terms

9. $7y + 4x + 10$

   coefficients x: 4, y: 7; constant 10; 3 terms

10. $2x + 7 + 10y$

    coefficients x: 2, y: 10; constant 7; 3 terms

Parts Of Algebraic Expressions - Medium - Answer Key

11. $6z + 5x + 7y + 11$

coefficients x: 5, y: 7, z: 6; constant 11; 4 terms

12. $4x + 12 + 11y + 5z$

coefficients x: 4, y: 11, z: 5; constant 12; 4 terms

13. $7z + 3 + 6x + 10y$

coefficients x: 6, y: 10, z: 7; constant 3; 4 terms

14. $5 + 9y + 11x$

coefficients x: 11, y: 9; constant 5; 3 terms

15. $11 + 4y + 12x$

coefficients x: 12, y: 4; constant 11; 3 terms

16. $9x + 8 + 12y$

coefficients x: 9, y: 12; constant 8; 3 terms

17. $5y + 3x + 2$

coefficients x: 3, y: 5; constant 2; 3 terms

18. $9x + 2y + 3$

coefficients x: 9, y: 2; constant 3; 3 terms

19. $10 + 8y + 5x$

coefficients x: 5, y: 8; constant 10; 3 terms

20. $4 + 8y + 4z + 2x$

coefficients x: 2, y: 8, z: 4; constant 4; 4 terms