Name _____ Class _____ Date _____

Terms are separated by **+** or **-** signs in expressions.
Like terms can be combined according to the sign that separates them.

Draw shapes around like terms, then combine them.

example: $\boxed{10y} \boxed{+9} \boxed{-5y} \boxed{+2}$ → $\boxed{10y - 5y} \boxed{+9+2}$ → $5y + 11$

1. $26 - 4x + 7x + 13y - y$

7. $35a - 2b + 5a - 18b$

2.

3.

4.

5. $31z - 12z + 13 + 6z - 9$

11. $17x - 7 + 14x + 3$

6. $48x - 6 + 11x - 10 + 2y$

12. $8c - 3d + 12 + 3c$

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example: 10y + 9 - 5y + 2 → 10y - 5y + 9 + 2 → 5y + 11

1. 22 - x + 3x + 18y - 8   7. 7a - 6b + 12a - 17

    _____   _____

2. _____   8. 15y - 8y + 24z + 13y

3.

4.

5. 3h - 9e - 18e + 6h - e   11. 18a - 5b + 4a + 2 - 4

    _____   _____

6. 44x - 5 + 11x - 6y + y   12. 11y - 12x + 12 - 3y

    _____   _____

Combining Like Terms

Name _____ Class _____ Date _____

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example: $10y + 9 - 5y + 2$ → $10y - 5y + 9 + 2$ → $5y + 11$

1. $26 - 4x + 7x + 13y - y$

   $26 + 3x + 12y$

2.

3.

4.

5. $31z - 12z + 13 + 6z - 9$

   $25z + 4$

6. $48x - 6 + 11x - 10 + 2y$

   $59x - 16 + 2y$

7. $35a - 2b + 5a - 18b$

   $40a - 20b$

11. $17x - 7 + 14x + 3$

   $31x - 4$

12. $8c - 3d + 12 + 3c$

   $11c - 3d + 12$

PREVIEW

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Name _____ Class _____ Date _____

Terms are separated by **+** or **-** signs in expressions.
Like terms can be combined according to the sign that separates them.

Draw shapes around like terms, then combine them.

example: $10y + 9 - 5y + 2$ → $10y - 5y + 9 + 2$ → $5y + 11$

1. $22 - x + 3x + 18y - 8$

    $14 + 2x + 18y$

7. $7a - 6b + 12a - 17$

    $19a - 6b - 17$

2.

3.

4.

PREVIEW

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5. $3h - 9e - 18e + 6h - e$

    $9h - 28e$

11. $18a - 5b + 4a + 2 - 4$

    $22a - 5b - 2$

6. $44x - 5 + 11x - 6y + y$

    $55x - 5 - 5y$

12. $11y - 12x + 12 - 3y$

    $8y - 12x + 12$