Math Practice - Grade 6

M8 Equivalent expressions - Combine like terms

M8 6.EE.A.3, 6.EE.A.4

Name: _____ Date: _____

Combine the like terms. Write the answer in the box.

Example: Combine the like terms in 6y + 8 + 9y.

How: Only terms with the same letter part can be combined. Add their coefficients and keep the letter part. A term with no letter cannot join a term with a letter.

6y + 8 + 9y = 15y + 8

1 **Combine the like terms in 7x + 5 + 2x.**

7x + 5 + 2x = ☐

2 **Combine the like terms in 8y + 7 + 5y.**

8y + 7 + 5y = ☐

3 **Combine the like terms in 5x + 7 + 7x.**

5x + 7 + 7x = ☐

4 **Combine the like terms in 6x + 3 + 8x.**

6x + 3 + 8x = ☐

5 **Combine the like terms in 7x + 1 + 2x.**

7x + 1 + 2x = ☐

6 **Combine the like terms in 8y + 3 + 7y.**

8y + 3 + 7y = ☐

7 **Combine the like terms in 8x + 5 + 7x.**

8x + 5 + 7x = ☐

8 **Combine the like terms in 3y + 7 + 6y.**

3y + 7 + 6y = ☐

9 **Combine the like terms in 4x + 8 + 4x.**

4x + 8 + 4x = ☐

10 **Combine the like terms in 2x + 5 + 2x.**

2x + 5 + 2x = ☐

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M8 6.EE.A.3, 6.EE.A.4

Name: _____ Date: _____

Combine the like terms. Write the answer in the box.

Example: Combine the like terms in 7y + 8 + 7y.

How: Only terms with the same letter part can be combined. Add their coefficients and keep the letter part. A term with no letter cannot join a term with a letter.

7y + 8 + 7y = 14y + 8

1 **Combine the like terms in 4x + 7 + 8x.**

4x + 7 + 8x = ☐

2 **Combine the like terms in 9x + 9 + 3x.**

9x + 9 + 3x = ☐

3 **Combine the like terms in 8y + 7 + 9y.**

8y + 7 + 9y = ☐

4 **Combine the like terms in 8x + 3 + 3x.**

8x + 3 + 3x = ☐

5 **Combine the like terms in 8x + 5 + 3x.**

8x + 5 + 3x = ☐

6 **Combine the like terms in 4y + 4 + 4y.**

4y + 4 + 4y = ☐

7 **Combine the like terms in 2y + 9 + 6y.**

2y + 9 + 6y = ☐

8 **Combine the like terms in 5x + 3 + 2x.**

5x + 3 + 2x = ☐

9 **Combine the like terms in 4y + 6 + 3y.**

4y + 6 + 3y = ☐

10 **Combine the like terms in 8x + 7 + 7x.**

8x + 7 + 7x = ☐

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M8 Equivalent expressions - Combine like terms

M8 6.EE.A.3, 6.EE.A.4

Name: _____ Date: _____

Combine the like terms. Write the answer in the box.

Example: Combine the like terms in 3x + 9 + 4x.

How: Only terms with the same letter part can be combined. Add their coefficients and keep the letter part. A term with no letter cannot join a term with a letter.

3x + 9 + 4x = 7x + 9

1 **Combine the like terms in 3y + 4 + 9y.**

3y + 4 + 9y = ☐

2 **Combine the like terms in 4x + 5 + 2x.**

4x + 5 + 2x = ☐

3 **Combine the like terms in 3y + 5 + 3y.**

3y + 5 + 3y = ☐

4 **Combine the like terms in 3x + 7 + 7x.**

3x + 7 + 7x = ☐

5 **Combine the like terms in 7y + 5 + 9y.**

7y + 5 + 9y = ☐

6 **Combine the like terms in 4y + 5 + 7y.**

4y + 5 + 7y = ☐

7 **Combine the like terms in 7y + 7 + 2y.**

7y + 7 + 2y = ☐

8 **Combine the like terms in 5x + 9 + 9x.**

5x + 9 + 9x = ☐

9 **Combine the like terms in 2y + 7 + 2y.**

2y + 7 + 2y = ☐

10 **Combine the like terms in 7y + 9 + 2y.**

7y + 9 + 2y = ☐