

Name _____

Date _____ Grade _____

Solving Equations (combine like terms)

Solve for x in each problem.

1.) $10 + 6x + 2x = 18$ 2.) $36 = 2x + 5x + 8$

3.) $4x + 10 + 3x = 52$ 4.) $77 = x + 7x + 5$

5.) $7x + 5 + 3x = 15$ 6.) $2x + 4 + 2x = 36$

7.) $159 = 6x + 7x + 3$ 8.) $9 + 4x + x = 14$

9.) $6 + 7x + x = 38$ 10.) $62 = 3x + 2x + 2$

11.) $48 = 3x + x + 8$ 12.) $86 = 3x + 5x + 6$

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Solve for x in each problem.

1.) $7x + 5 + 3x = 85$ 2.) $49 = x + 3x + 9$

3.) $10 + 7x + 4x = 120$ 4.) $7x + 9 + 7x = 121$

5.) $8 + 4x + 4x = 16$ 6.) $17 = 5x + 6x + 6$

7.) $33 = 2x + 6x + 1$ 8.) $2x + 4 + x = 16$

9.) $42 = 2x + 7x + 6$ 10.) $x + 3 + 4x = 13$

11.) $5x + 8 + 3x = 8$ 12.) $1 + 3x + 5x = 73$

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Answer Key

Page 1

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

Page 2

1.	8	2.	10
3.	10	4.	8
5.	1	6.	1
7.	4	8.	4
9.	4	10.	2
11.	0	12.	9