



Balancing Equations

Name: _____

Determine the number that will correctly balance each equation.

1) $22 + 85 = 48 + \underline{\hspace{2cm}} + 9$

2) $45 + \underline{\hspace{2cm}} = 8 + 43 + 43$

3) $69 - \underline{\hspace{2cm}} = 61 - 17$

4) $6 + \underline{\hspace{2cm}} = 8 + 16$

5) $60 - 50 = \underline{\hspace{2cm}} - 26$

6) $16 + \underline{\hspace{2cm}} = 17 + 46$

7) $162 - 33 = 42 + \underline{\hspace{2cm}} + 47$

8) $22 + 23 + \underline{\hspace{2cm}} = 61 - 6$

9) $\underline{\hspace{2cm}} - 25 = 24 + 45$

10) $37 + 22 = 11 + \underline{\hspace{2cm}}$

11) $16 + \underline{\hspace{2cm}} = 7 + 45 + 50$

12) $\underline{\hspace{2cm}} - 48 = 13 + 33$

13) $43 + 41 + 32 = 145 - \underline{\hspace{2cm}}$

14) $\underline{\hspace{2cm}} + 42 = 104 - 30$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

1-10	93	86	79	71	64	57	50	43	36	29
11-14	21	14	7	0						



Balancing Equations

Name: **Answer Key**

Determine the number that will correctly balance each equation.

1) $22 + 85 = 48 + \underline{\hspace{2cm}50}$ + 9

2) $45 + \underline{\hspace{2cm}49} = 8 + 43 + 43$

3) $69 - \underline{\hspace{2cm}25} = 61 - 17$

4) $6 + \underline{\hspace{2cm}18} = 8 + 16$

5) $60 - 50 = \underline{\hspace{2cm}36} - 26$

6) $16 + \underline{\hspace{2cm}47} = 17 + 46$

7) $162 - 33 = 42 + \underline{\hspace{2cm}40} + 47$

8) $22 + 23 + \underline{\hspace{2cm}10} = 61 - 6$

9) $\underline{\hspace{2cm}94} - 25 = 24 + 45$

10) $37 + 22 = 11 + \underline{\hspace{2cm}48}$

11) $16 + \underline{\hspace{2cm}86} = 7 + 45 + 50$

12) $\underline{\hspace{2cm}94} - 48 = 13 + 33$

13) $43 + 41 + 32 = 145 - \underline{\hspace{2cm}29}$

14) $\underline{\hspace{2cm}32} + 42 = 104 - 30$

Answers1. 502. 493. 254. 185. 366. 477. 408. 109. 9410. 4811. 8612. 9413. 2914. 32

1-10	93	86	79	71	64	57	50	43	36	29
11-14	21	14	7	0						



Balancing Equations

Name: _____

Determine the number that will correctly balance each equation.

18	94	47	94	86	50	29
25	49	48	10	36	32	40

1) $22 + 85 = 48 + \underline{\hspace{2cm}} + 9$

2) $45 + \underline{\hspace{2cm}} = 8 + 43 + 43$

3) $69 - \underline{\hspace{2cm}} = 61 - 17$

4) $6 + \underline{\hspace{2cm}} = 8 + 16$

5) $60 - 50 = \underline{\hspace{2cm}} - 26$

6) $16 + \underline{\hspace{2cm}} = 17 + 46$

7) $162 - 33 = 42 + \underline{\hspace{2cm}} + 47$

8) $22 + 23 + \underline{\hspace{2cm}} = 61 - 6$

9) $\underline{\hspace{2cm}} - 25 = 24 + 45$

10) $37 + 22 = 11 + \underline{\hspace{2cm}}$

11) $16 + \underline{\hspace{2cm}} = 7 + 45 + 50$

12) $\underline{\hspace{2cm}} - 48 = 13 + 33$

13) $43 + 41 + 32 = 145 - \underline{\hspace{2cm}}$

14) $\underline{\hspace{2cm}} + 42 = 104 - 30$

Answers

1. _____
 2. _____
 3. _____
 4. _____
 5. _____
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 7. _____
 8. _____
 9. _____
 10. _____
 11. _____
 12. _____
 13. _____
 14. _____