



## Balancing Equations

Name: \_\_\_\_\_

Determine the number that will correctly balance each equation.

1)  $117 - 47 = \underline{\hspace{2cm}} + 20 + 31$

2)  $19 + 24 = \underline{\hspace{2cm}} + 5$

3)  $33 + 16 = \underline{\hspace{2cm}} + 12$

4)  $75 + 3 = \underline{\hspace{2cm}} + 22 + 37$

5)  $\underline{\hspace{2cm}} + 22 + 7 = 84 - 45$

6)  $\underline{\hspace{2cm}} - 45 = 10 + 23 + 30$

7)  $\underline{\hspace{2cm}} - 24 = 29 + 45$

8)  $56 + \underline{\hspace{2cm}} = 19 + 9 + 34$

9)  $\underline{\hspace{2cm}} - 10 = 40 + 14$

10)  $\underline{\hspace{2cm}} - 24 = 89 - 49$

11)  $62 - \underline{\hspace{2cm}} = 26 - 8$

12)  $103 + \underline{\hspace{2cm}} = 39 + 39 + 40$

13)  $30 + 11 = 84 - \underline{\hspace{2cm}}$

14)  $69 - 27 = \underline{\hspace{2cm}} - 10$

Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

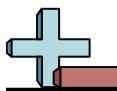
11. \_\_\_\_\_

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)  $117 - 47 = \underline{19} + 20 + 31$

2)  $19 + 24 = \underline{38} + 5$

3)  $33 + 16 = \underline{37} + 12$

4)  $75 + 3 = \underline{19} + 22 + 37$

5)  $\underline{10} + 22 + 7 = 84 - 45$

6)  $\underline{108} - 45 = 10 + 23 + 30$

7)  $\underline{98} - 24 = 29 + 45$

8)  $56 + \underline{6} = 19 + 9 + 34$

9)  $\underline{64} - 10 = 40 + 14$

10)  $\underline{64} - 24 = 89 - 49$

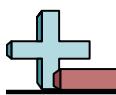
11)  $62 - \underline{44} = 26 - 8$

12)  $103 + \underline{15} = 39 + 39 + 40$

13)  $30 + 11 = 84 - \underline{43}$

14)  $69 - 27 = \underline{52} - 10$

**Answers**1. **19**2. **38**3. **37**4. **19**5. **10**6. **108**7. **98**8. **6**9. **64**10. **64**11. **44**12. **15**13. **43**14. **52**



## Balancing Equations

Name: \_\_\_\_\_

Determine the number that will correctly balance each equation.

64  
44108  
106  
1519  
3843  
9819  
5264  
37

1)  $117 - 47 = \underline{\hspace{2cm}} + 20 + 31$

2)  $19 + 24 = \underline{\hspace{2cm}} + 5$

3)  $33 + 16 = \underline{\hspace{2cm}} + 12$

4)  $75 + 3 = \underline{\hspace{2cm}} + 22 + 37$

5)  $\underline{\hspace{2cm}} + 22 + 7 = 84 - 45$

6)  $\underline{\hspace{2cm}} - 45 = 10 + 23 + 30$

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9)  $\underline{\hspace{2cm}} - 10 = 40 + 14$

10)  $\underline{\hspace{2cm}} - 24 = 89 - 49$

11)  $62 - \underline{\hspace{2cm}} = 26 - 8$

12)  $103 + \underline{\hspace{2cm}} = 39 + 39 + 40$

13)  $30 + 11 = 84 - \underline{\hspace{2cm}}$

14)  $69 - 27 = \underline{\hspace{2cm}} - 10$

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_