

## Balancing Equations

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

**Determine the number that will correctly balance each equation.**

1)  $41 + \underline{\quad} + 30 = 57 + 61$

2)  $6 + \underline{\quad} + 3 = 28 + 14$

3)  $\underline{\quad} + 48 = 29 + 2 + 21$

4)  $7 + 30 = 14 + \underline{\quad} + 2$

5)  $8 + 48 + \underline{\quad} = 9 + 76$

6)  $18 + \underline{\quad} = 32 + 2 + 16$

7)  $\underline{\quad} + 15 = 39 + 3 + 9$

8)  $25 + 16 = 21 + \underline{\quad} + 8$

9)  $2 + \underline{\quad} + 9 = 53 + 6$

10)  $11 + 17 + \underline{\quad} = 43 + 7$

11)  $12 + 22 + \underline{\quad} = 27 + 49$

12)  $66 + 31 = 37 + 22 + \underline{\quad}$

13)  $67 + 3 = 49 + 8 + \underline{\quad}$

14)  $\underline{\quad} + 8 + 35 = 46 + 36$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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

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

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



## Balancing Equations

Name: **Answer Key**

Determine the number that will correctly balance each equation.

1)  $41 + \underline{47} + 30 = 57 + 61$   
 $\underline{118} = 118$

2)  $6 + \underline{33} + 3 = 28 + 14$   
 $\underline{42} = 42$

3)  $\underline{4} + 48 = 29 + 2 + 21$   
 $\underline{52} = 52$

4)  $7 + 30 = 14 + \underline{21} + 2$   
 $\underline{37} = \underline{37}$

5)  $8 + 48 + \underline{29} = 9 + 76$   
 $\underline{85} = 85$

6)  $18 + \underline{32} = 32 + 2 + 16$   
 $\underline{50} = 50$

7)  $\underline{36} + 15 = 39 + 3 + 9$   
 $\underline{51} = 51$

8)  $25 + 16 = 21 + \underline{12} + 8$   
 $\underline{41} = \underline{41}$

9)  $2 + \underline{48} + 9 = 53 + 6$   
 $\underline{59} = 59$

10)  $11 + 17 + \underline{22} = 43 + 7$   
 $\underline{50} = 50$

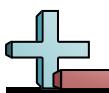
11)  $12 + 22 + \underline{42} = 27 + 49$   
 $\underline{76} = 76$

12)  $66 + 31 = 37 + 22 + \underline{38}$   
 $\underline{97} = \underline{97}$

13)  $67 + 3 = 49 + 8 + \underline{13}$   
 $\underline{70} = 70$

14)  $\underline{39} + 8 + 35 = 46 + 36$   
 $\underline{82} = 82$

**Answers**1. **47**2. **33**3. **4**4. **21**5. **29**6. **32**7. **36**8. **12**9. **48**10. **22**11. **42**12. **38**13. **13**14. **39**



## Balancing Equations

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

Determine the number that will correctly balance each equation.

36

12

33

21

38

32

29

39

4

13

48

42

47

22

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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12)  $66 + 31 = 37 + 22 + \underline{\quad}$

13)  $67 + 3 = 49 + 8 + \underline{\quad}$

14)  $\underline{\quad} + 8 + 35 = 46 + 36$