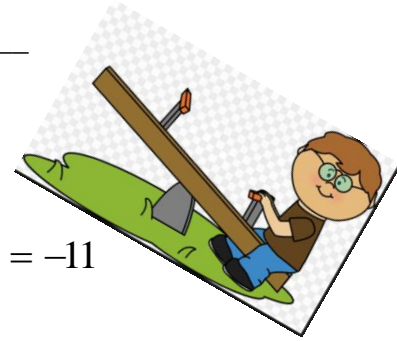Name_____

Balancing Equations

Solve the equation. Check your solution.

1. $3k - 2 = 10$

2. $5p + 2 = -10$

3. $-4x + 3 = -11$

4. $12 = 2d + 3.2$

5. $-1 - 5h = 14$

6. $1.25r - 7 = 2.5$

7. $-4k + 3.6 = 7.8$

8. $6 + 2n = 3$

9. $4y - 16.3 = 53.1$

10. $\dfrac{1}{2}b + \dfrac{9}{4} = \dfrac{7}{4}$

11. $\dfrac{5}{6} + 3j = -\dfrac{2}{3}$

12. $-\dfrac{9}{10}p - 3 = \dfrac{3}{5}$

In Exercises 13–15, write an equation. Then solve.

13. It costs $4 to enter the fair. Each ride costs $2.50. You have $21.50. How many rides can you go on?

14. The cable company charges a monthly fee of $45. Each movie rental is $1.99. You owe $68.88. How many movies did you rent?