

Name \_\_\_\_\_

## REAL LIFE EQUATIONS #2

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**Directions:** Solve each problem below by writing an *equation* that matches the situation. Then solve your equation to find the solution to the problem.

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- 1) Desiree made 100 cookies this week. She baked 8 more than four times the total she made last week. How many cookies did she bake last week.  
 $4x + 8 = 100$   $x =$  \_\_\_\_\_
- 2) Shakira went bowling with her friends. She paid \$3 to rent shoes and then \$4.75 for each game of bowling. If she spent a total of \$42, then how many games did Shakira bowl?
- 3) This year, Cornell's class took two more than three times as many field trips as last year's class. This year, Cornell's class took a total of 8 trips. How many field trips did his class take last year?
- 4) This week, Jamyra spent a total of 100 minutes studying. This total was 20 more than four times the amount of minutes she studied last week. How many minutes did Jamyra spend studying last week?
- 5) James earned a total of \$900 last week. This total was \$20 less than four times the amount he earned last week. How much money did James earn last week?
- 6) Kaya rented a limousine for prom. There was a one-time charge of \$100, plus an hourly rate of \$45. Her total cost for the night was \$437.50. How many hours did Kaya rent the limo for?
- 7) At a pizza eating competition, Davonne ate four more than twice as many slices as the runner-up. If Davonne ate 11 slices, then how many slices did the runner-up eat?
- 8) Anthony received \$150 for his birthday this year. This was \$20 less than half the amount he received last year. How much money did Anthony receive for his birthday last year?
- 9) Jasmine is 8 years younger than twice her sister's age. If Jasmine's sister is 22 years old. Then, how old is Jasmine?
- 10) Ronnie charged his customers a flat fee of \$25 to fix computers. Then he charged \$30 for each hour that he spent fixing the computer. If Ronnie made \$175 off of his first customer, how many hours did he spend working?