

Name _____ Name _____

Students are to take turns answering the questions, using a different color. Remember to define the variable and underline key words before solving the equations.

Riddle: Why did the salad go to the studio?

Directions: Write and solve each equation and find the solution below. Write the letter below the solution above the corresponding question number to reveal the answer to the riddle.

1. You have a part-time sales job that pays \$20 a day plus \$3 per sale you make. How many sales did you make in one day if you earned \$44?	2. Kim's computer needed to be fixed. The repair shop charged \$35 an hour and \$18 for parts. If she was charged \$158, how many hours of labor was Kim charged?	3. Your parents loaned you \$75. For the past 4 weeks you've paid your parents back the same amount of money each week. If after 4 weeks you still owe them \$27, how much are you giving them each week?	4. Your sister works as a waitress and made \$92 one day. She worked 6 hours and made \$47 in tips. How much does she make per hour?
Equation:	Equation:	Equation:	Equation:
Solution:	Solution:	Solution:	Solution:
5. Translate the verbal sentence into an equation, then solve: <i>Twice a number subtracted from 3 is 11.</i>	6. You are on a trip to New York City and have \$32 to spend. You buy lunch for \$12.05 and want to bring home keychains for your friends. If each keychain costs \$2.85, how many can you buy?	7. At the beginning of the year Tim had \$441 in his bank account. He has been taking \$7 a week out of his account and now has \$322 in his bank account. How many weeks has Tim been withdrawing money?	8. Cary has \$50 to spend at the carnival. There is an entrance fee of \$5 and each ticket costs \$1.25. How many tickets can Cary purchase?
Equation:	Equation:	Equation:	Equation:
Solution:	Solution:	Solution:	Solution:

Answer:

11 D	12 S	7.5 O	4 T	36 B	42 H	18 G
-7 N	2.5 F	8 A	17 E	22 I	-4 K	7 M