

Name \_\_\_\_\_ Date \_\_\_\_\_

Project

You are an Entertainment Lawyer

**"Finding percent increase, decrease, mark-ups, mark-downs & percent error"**

Scenario: You are an entertainment lawyer with 4 clients. Your clients are a basketball star, football star, famous dancer, and a famous singer. Your business is in New York City, but your clients live in various parts of the U.S.A.

Instructions: Answer each question by *calculating the value, restating your answer, explaining where required, and using the word wall terms in each of your answers to receive full credit.*

1. You original lived 22 miles away from your business. You buy a new condo and move to down town Brooklyn which is 10 miles from your business. What is the percent decrease in the distance from your home to your workplace? (Round to the nearest percent) (**Calculate and Restate your answer**)
  
2. It is time to renew your lease at your business. You are currently paying \$2,500 per month but the landlord wants to increase the rent to \$2,925. What is the percent increase in the amount of rent payed each month? (**Calculate and Restate your answer**)

3. You buy a new SUV for your business. The cost of the SUV is \$35,000, and you get a discount (*mark-down*) of 20% because you are a lawyer. Find the discounted price of the SUV? (**Calculate and Restate your answer**)
4. When you go to pick-up the SUV the gas tank is not full. What number (gallons of gas currently in your tank) is 65% of 16? (**Calculate and Restate your answer**)

### **Basketball Star:**

1. Your client lives in Florida and wants to talk to you about a problem. The client was living in Miami which is 1,500 miles away from the New York office but now lives in Jacksonville which is 900 miles away. What is the percent of change from Miami to Jacksonville, from the New York office? (**Calculate and Restate the answer**)
2. When you speak to the client, the client demands that you give them a discount. They believe that you are charging them too much for your services. You agree to give them a 15% discount. You are currently charging them \$800 every month. Find the discounted price that your basketball star will pay each month after the discount? (**Calculate and Restate the answer**)

### Football Star:

1. You are in Miami and receive a call from your football star client who lives in New England. Your client tells you that he is buying a new house that cost 35% more than his old house. The old house cost \$700,000. What is the cost of the new house? **(Calculate and Restate the answer)**
2. The client believes that they should get a raise in salary and wants you to negotiate a new contract. They are making \$200,000 this year. They want to be paid \$350,000 next year. What is the percent increase from this year to next year? **(Calculate and Restate the answer)**

### Famous Dancer:

1. You return to New York and decide to call your famous dancer client. The client tells you that they will be changing dance companies. The original dance company had audience attendance of 200 people every night, but the new dance company promises your client that the audience attendance will be 180% more people. What will be the new audience attendance number? **(Calculate and Restate the answer)**

2. The client also wants you to negotiate a new contract because with a higher number of people viewing her performances, a raise is needed. She is paid \$4 for every person that watches her perform under the old contract. She wants \$7.50 for every person that watches her perform under the new contract. What is her percent of increase from old contract to new contract? **(Calculate and Restate the answer) (HINT: ONLY USE INFORMATION GIVEN IN THIS QUESTION TO PROVIDE A SOLUTION)**

### **Famous Singer:**

1. You decide to call your last client to see if they have any concerns. The client states that they were told that they would be paid \$70,000 for a weekend concert but they were paid only \$50,000. When you asked about the event you were told that the event was not promoted until a few days before the concert. What is the percent of change between what they were told and what they were paid? **(Calculate, State the type of percent of change problem, explain why your client was paid a different amount)**
  
2. At each concert your client's band sells CD's and DVD's. They want to increase their profits. They decide to mark-up the price of their merchandise by 25%. The original cost of a **CD is \$11**, and a **DVD is \$15**. What is the new price of the **CD's and DVD's**? **(Calculate both CD's and DVD's and Restate both your answers)**