

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

**Directions: Answer the questions and show all your work. You can insert the 'Equation' Tool to enter mathematical numbers and symbols.**



## **Stock Investments**

Your rich uncle offers to buy you 100 shares of stock for your birthday. He gives you two companies to choose from. The table shows the daily closing price of one share of each company's stock for one week.

	Monday	Tuesday	Wednesday	Thursday	Friday
HooYa!	\$29.50	\$30.80	\$28.90	\$27.10	\$27.50
FacePage	\$26.30	\$28.90	\$25.10	\$21.60	\$24.00

- A. Find the change in stock price from day to day for each company. Report each change as a positive or negative number.
- B. Find the average daily change in price for each company for this 5-day period. Describe the similarities and differences in the way each company's prices changed.
- C. Decide which stock you will choose and explain your reasoning. If your uncle buys the stock at the closing price on Friday, how much will he pay for 100 shares?
- D. Suppose you buy 100 shares of each stock at the closing price on Tuesday and sell all the shares at the closing price on Friday. How much money would you earn or lose?

