Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Interior Decorating and Finishing AM

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ NOCTI Practice – Billing WS2 PM

Calculate the total cost for each job, including labor if given. SHOW ALL OF YOUR WORK. Be sure to correctly LABEL all answers. Assume each can of paint covers 350 ft2.

1. You are asked to paint a classroom that is 30’ x 42’ x 12’. ***All of the walls and the ceiling will require two coats.*** If a gallon of paint costs $29.94, how much will the paint cost to complete this job? (5 points)

a. What is the surface area of the ceiling?

b. What is the surface area of the walls?

c. What is the total surface area of the walls and ceiling?

d. How many gallons of paint will you need for two coats on the walls and ceiling?

e. What is the cost of the paint?

2. A customer hires you to paint a room that is 18’ x 26’ x 10’. ***You will need to put on two coats of paint, but you will not paint the ceiling.*** You estimate that the job will take 24 hours. You charge $24/hour. The paint that the customer has chosen costs $32.78/gallon. (5 points)

a. What is the cost of labor?

b. What is the surface area of the walls?

c. How many gallons of paint do you need?

d. What is the cost of paint?

e. What is the total cost of the job?

3. You contract for a job to paint an office that is 32’ x 24’ x 10’. You will charge the customer $20/hour labor and estimate it will take 24 hours to complete the job. The ceiling will be a different color than the walls. ***Everything will require two coats of paint***. The ceiling paint costs $19.95/gallon and the wall paint costs $26.86/gallon. (8 points)

a. What is the cost of labor?

b. What is the surface area of the walls?

c. How many gallons of paint do you need for the walls?

d. What is the cost of paint for the walls?

e. What is the surface area of the ceiling?

f. How many gallons of paint do you need for the ceiling?

g. What is the cost of paint for the ceiling?

h. What is the total cost of the job?