Financial Algebra Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chap 7 Day 5 Per. \_\_\_\_\_\_\_

**Floor Plan**

Your floor plan must include: 4 bedrooms, 2 ½ baths, kitchen, living room, family room, dining room and garage. Optional inclusions are: inside laundry room and/or den. The home has a 9 foot ceiling.

For each question answer the following and show your work:

* What type of flooring are you going to put in each room? (tile, carpet, laminet, wood, etc…)
* What will the flooring cost for each room?
* How much paint, in gallons, will you need for each room (consider windows and doors)?

1.Fill in the table for each bedroom? For each bedroom put in the door and a window. Consider that when calculating for paint.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Room** | **Square Footage**  **(in feet)** | **Flooring Cost**  **(Include type)** | **Amount of Paint**  **(in gallons)** | **Cost of Paint** |
| Bedroom #1 |  |  |  |  |
| Bedroom #2 |  |  |  |  |
| Bedroom #3 |  |  |  |  |
| Bedroom #4 |  |  |  |  |
| Den (optional) |  |  |  |  |

2. Fill in the table for each bathroom? Consider any doors and windows as well as counters.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Room** | **Square Footage**  **(in feet)** | **Flooring Cost**  **(Include type)** | **Amount of Paint**  **(in gallons)** | **Cost of Paint** |
| Bathroom#1 |  |  |  |  |
| Bathroom#2 |  |  |  |  |
| ½ Bath |  |  |  |  |

3. Fill in the table for the kitchen, dining room, living room and family room? Make sure to consider any doors and windows you put in.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Room** | **Square Footage**  **(in feet)** | **Flooring Cost**  **(Include type)** | **Amount of Paint**  **(in gallons)** | **Cost of Paint** |
| Kitchen |  |  |  |  |
| Dining Room |  |  |  |  |
| Living Room |  |  |  |  |
| Family Room |  |  |  |  |
| Laundry (optional) |  |  |  |  |

4. What is the total square footage of the entire house?