

Name _____

Hour _____

COST OF LIGHTING

1. Select a floor plan of a kitchen and family room and mount it below.

2. Plan the type of lighting required for these rooms.

3. Go to a store or use a catalog to select actual fixtures you would place in the rooms. Sketch a picture of each fixture. Note the cost of the fixtures and the type of light bulbs they require.

#1

Cost of fixture _____

Type of light bulb required _____

Number of light bulbs required _____

Sketch the fixture below:

#2

Cost of fixture _____

Type of light bulb required _____

Number of light bulbs required _____

Sketch the fixture below:

#3

Cost of fixture _____

Type of light bulb required _____

Number of light bulbs required _____

Sketch the fixture below:

#4

Cost of fixture _____

Type of light bulb required _____

Number of light bulbs required _____

Sketch the fixture below:

#5

Cost of fixture _____

Type of light bulb required _____

Number of light bulbs required _____

Sketch the fixture below:

#6

Cost of fixture _____

Type of light bulb required _____

Number of light bulbs required _____

Sketch the fixture below:

4. Assuming these lights will be burning 5 hours a day, how much will a year's supply of bulbs cost? Itemize the costs below for each fixture. (NOTE: The average burning time of a fluorescent light is 20,000 hours. The average burning time of an incandescent light is 1000 hours.)

#1 Cost per bulb _____
 Number of bulbs _____
 TOTAL COST _____

#2 Cost per bulb _____
 Number of bulbs _____
 TOTAL COST _____

#3 Cost per bulb _____
 Number of bulbs _____
 TOTAL COST _____

#4 Cost per bulb _____
 Number of bulbs _____
 TOTAL COST _____

#5 Cost per bulb _____
 Number of bulbs _____
 TOTAL COST _____

#6 Cost per bulb _____
 Number of bulbs _____
 TOTAL COST _____

TOTAL _____