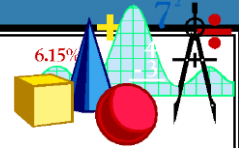


Mathematics, Grade 6
Unit IV: Lesson 1

Written Appraisal: **Painting your Room**



Imagine that your parents have given you the job of finding out how much paint to buy in order to repaint the interior walls of your bedroom or your home. Measure the length, width, and height of all ceilings, walls, doors, and windows in your room or home. In a math book, review the formulas for finding areas. Find the cost of a gallon of paint from three different stores or three different brands. Note how much area the label claims each gallon of paint will cover.

Calculate the surface area of all the walls to be painted. Calculate the amount of paint needed and the cost of paint. Contact at least one painting contractor and get an estimate of the cost for the painter to do the work as well as supply the paint.

Write an appraisal for the job comparing the costs of different paints and doing it yourself or using a painting contractor. List the advantages and disadvantages. Describe other factors you may need to consider when making the decision. Submit your written appraisal to your teacher and to your parents. You never can tell, they may let you repaint your room.