

CEILING TILE PROJECT

After ten years, it has been determined to do some remodeling at Stafford Middle School. The ceiling tiles in eight classrooms of the eighth grade wing are to be replaced. The new tiles will be a light blue. Before these can be purchased, a proposal has to be prepared indicating the anticipated expense of the material. You have been asked to help in creating this proposal. A carton contains twenty tiles and the carton costs \$39.99. An approximation of the expense is needed before approval is granted for the project.

Determine the following and show all work.

1. The number of tiles needed per room
2. The number of tiles needed for the eight rooms
3. The number of cartons to be ordered
4. The cost of the tiles per room
5. The cost of the tiles for the eight rooms