Area

Below is the floor plan for the Smith’s house.

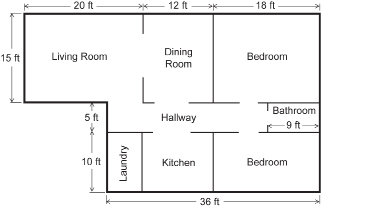


Image retrieved from: http://moodle2.rockyview.ab.ca/mod/book/tool/print/index.php?id=51521&chapterid=23802

1. Find the area of the bedrooms.
2. Find the area of rest of the house (Living room, Dining room, Hallway, Bathroom, Laundry, and Kitchen).
3. What is the total area of the Smith’s house.

The Smith’s are planning to recarpet the 2 bedrooms and install tile throughout the rest of the house.

1. The Smith’s found carpet that costs $3.40 per square foot. How much would it cost to install new carpet into the bedrooms?
2. The Smith’s found tile that costs $2.09 per square foot. How much would it cost to install new tile throughout the rest of the house?
3. What would be the total cost of the tile and carpet for the Smith’s house?