

**Real World Applications for Perimeter & Area Problems (B)**

$$P = L+W+L+W \quad A = L \times W$$

1. A rectangular room has dimensions of 13ft by 15ft. Determine P & A of room!  
If carpet and installation cost per \$3 sq ft then cost to carpet room?
2. A rectangular room has dimensions of 12ft by 14ft. Determine P & A of room!  
If baseboard & installation is \$4 per Linear Ft then cost to install baseboard!
3. A room has dimensions 15 1/2ft by 12 1/4ft then P & A of room in Decimals?  
If hardwood for floor and installation cost per \$6 sq ft then cost for hardwood?
4. A room has dimensions 14.25ft by 12.5ft then find P & A with Mixed Numbers!  
If crown molding & installation is \$5 per Linear Ft then cost for crown molding!
5. A rectangular room has dimensions of 14ft by 18ft. Determine P & A of room!  
If linoleum and installation cost per \$1.75 sq ft then cost for linoleum installed?
6. A rectangular room has dimensions of 12ft by 17ft. Determine P & A of room!  
If baseboard & installation is \$4 per Linear Ft then cost to install baseboard!
7. A room has dimensions 13 1/2ft by 16 1/4ft find P & A of room in Decimals!  
If hardwood for floor and installation cost per \$8 sq ft then cost for hardwood?
8. A room has dimensions 12' 4" by 16' 6" then find P & A with Mixed Numbers!  
If crown molding & installation is \$5 per Linear Ft then cost for crown molding!