Name		Date	Period	Activity
				Chapter 7, Lesson 6
Buying	y Wallpaper			
Example	Gloria plans to paper her bedroom Each double roll of wallpaper cove rolls of wallpaper should she buy?			
Step 1	tep 1Find the perimeter of the floor 9' x 12'.Step 2Find the area of the 4 walls. Mu the perimeter by the height.			
	P = 2(9' + 12') = 2(21') = 42'		<u>× 8′</u> H	Perimeter Height Area of 4 walls
Step 3	Divide the area by 144 square feet to find the number of rolls needed			8'
	2 Double rolls of wallpape 144)336 Area of room <u>-288</u> 48 Square feet remaining	er	12' 9'	
	Gloria should purchase 3 double re	olls of wallp	aper.	

*Directions* Calculate the number of double rolls of wallpaper needed to paper each of these rooms. The third measurement for each room is the height.

	<b>Dimensions of Room</b>	Area of Walls	Double Rolls
1.	7.5'  imes 9.5'  imes 8'		
2.	$14' \times 15' \times 10'$		
3.	$15' \times 11' \times 8'$		
4.	$19' \times 17' \times 8'$		
5.	$8.5' \times 11.5' \times 8'$		
6.	$22' \times 11' \times 8'$		
7.	$15.5' \times 18.5' \times 10'$		
8.	$9' \times 11.2 \times 10'$		
9.	$12.9' \times 23.8' \times 8'$		
10.	$30' \times 18' \times 8'$		

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