## Lesson 6: Resources

|  | Side Lengths | Area of the Dance Floor | Number of Couples |
| :---: | :---: | :---: | :---: |
| $1^{\text {st }}$ increase | $30 \mathrm{ft} \times 30 \mathrm{ft}$ | $900 \mathrm{ft}^{2}$ | 100 couples |
|  | 35 ft 35 ft | $1,225 \mathrm{ft}^{2}$ | 136 couples* |
| $2^{\text {nd }}$ increase | $40 \mathrm{ft} \times 40 \mathrm{ft}$ | $1,600 \mathrm{ft}^{2}$ | 177 couples* |
| maximum <br> increase | $45 \mathrm{ft} \times 45 \mathrm{ft}$ | $2,025 \mathrm{ft}^{2}$ | 225 couples |



The UDL Instructional Units are available for teacher use. Please note that these units will be revised as user-feedback is obtained and will be made available on SharePoint and the Wiki. Reposted July 18, 2013.

Lesson 6: Resources- continued


Unit rate $9 \mathrm{ft}^{2}$ per couple

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| $\begin{gathered} 1^{\text {st }} \\ \text { increase } \end{gathered}$ | Side Lengths | Area of the Dance Floor | Number of Couples | Unit Rate area/couple |
| :---: | :---: | :---: | :---: | :---: |
|  | $30 \mathrm{ft} \times 30 \mathrm{ft}$ |  | 100 couples |  |
|  |  |  |  |  |
| $\begin{gathered} 2^{\text {nd }} \\ \text { increase } \end{gathered}$ |  |  |  |  |
| $3^{\text {rd }}$ <br> increase |  |  |  |  |


| Side <br> Lengths <br> (x) | Area of <br> the Dance <br> Floor | Number <br> of <br> Couples <br> (y) | Unit Rate <br> (Area/couple) |  |
| :---: | :---: | :---: | :---: | :---: |
| 12 ft x <br> 12 ft | (Question \#1) | 16 couples |  |  |
| $1^{\text {st }}$ increase |  |  |  |  |
| $2^{\text {nd }}$ increase |  |  |  |  |
| $3^{\text {rd }}$ increase |  |  |  |  |

