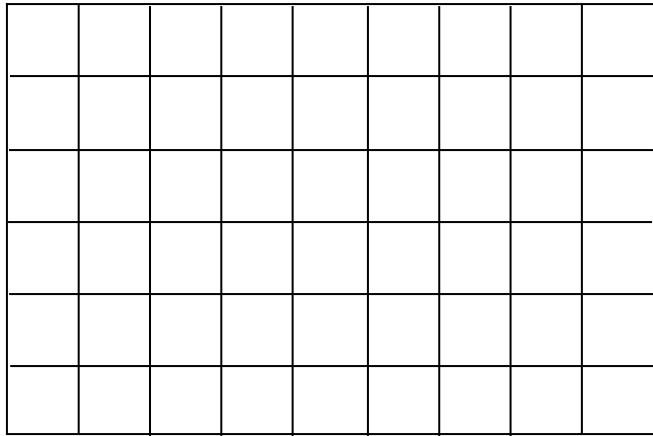



MathFLIX CHALLENGE

Inspired by "My Very Own Room" by Amada Irma Perez

Use the grids below to sketch different room arrangements. Then calculate the empty floor space.

Amanda's Room



 = 1 sq. ft.

Item	Area
Bed	18 sq. units
Crate	
Total	

Total Floor Space = 54 square units



Bed 6' x 3'

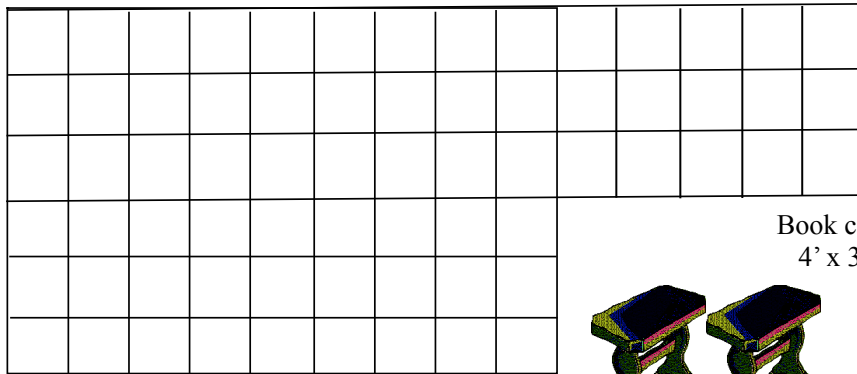


Crate 2' x 2'



$$\begin{array}{r} \text{Total floor space} = 54 \text{ square feet} \\ - \text{used floor space} = \underline{\hspace{2cm}} \text{ square feet} \\ \hline \text{Empty floor space} = \underline{\hspace{2cm}} \text{ square feet} \end{array}$$

Design Your Own Room



Book case
4' x 3'

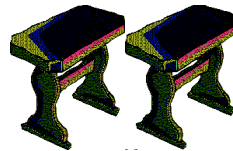


Table 4' x 2'



Bed 6' x 3'



Chair 3' x 3'

Item	Area
Total	

$$\begin{array}{r} \text{Total floor space} = \underline{\hspace{2cm}} \text{ square feet} \\ - \text{used floor space} = \underline{\hspace{2cm}} \text{ square feet} \\ \hline \text{Empty floor space} = \underline{\hspace{2cm}} \text{ square feet} \end{array}$$