**My Dream Bedroom Project**



IM1: \_\_\_\_\_

CT1: \_\_\_\_\_

C2: \_\_\_\_\_

M1: \_\_\_\_\_

M2: \_\_\_\_\_

**Created by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**



Remember: Explain what the objects are and what you will use them for. Your dream bedroom must include items that are the following shape: 1 rectangle and 1 square

The area of my dream bedroom is:

**My Dream Bedroom**

**4 meters**

The perimeter of my dream bedroom is:

**6 meters**

**The Objects in my Bedroom**

|  |  |  |
| --- | --- | --- |
| This object is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Choose the best units of measurement for your object. You can use mm, cm, m, kmThe length of this object is 23 \_\_\_\_.The width of this object is 18 \_\_\_\_.  | Find the area of the object: The area of this object is \_\_\_\_\_\_\_\_\_.  |
| This object is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Choose the best units of measurement for your object. You can use mm, cm, m, kmAll the sides of this object are equal. The length of one side is 13.5 \_\_\_\_\_.  | Find the perimeter of the object: The perimeter of this object is\_\_\_\_\_\_\_.  |

Remember: Explain what the objects are and what you will use them for. Your dream playroom must include items that are the following shape: 1 rectangle and 1 square

**My Dream Playroom**

The perimeter of my playroom is 26 meters. The width of **one side** of the playroom is 5 metres. What is the length of one side? (Show your working out)

Perimeter: 26metres Width: 5metres Length: \_\_\_\_\_ metres

What is the area of your dream playroom? (Show your working out)

The area of the playroom is \_\_\_\_\_\_\_\_.

**The Objects in my Playroom**

|  |  |  |
| --- | --- | --- |
| This object is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Choose the best units of measurement for your object. You can use mm, cm, m, kmAll the sides of this object are equal. The length of one side is 8 \_\_\_\_.  | Find the area of the object: The area of this object is \_\_\_\_\_\_\_\_\_.  |
| This object is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Choose the best units of measurement for your object. You can use mm, cm, m, kmThe area of the object is 207\_\_\_ ²The width of this object is 9 \_\_\_.  | Find the width of the object: The width of this object is\_\_\_\_\_\_\_.  |

Look at the rooms you have created. Choose a room or an object, and using the measurements create a word problem. You need to create one word problem about area or perimeter, and another one to find the missing length of a side. Check your word problem using the checklist when you have finished.

**Creating a Word Problem**

|  |  |  |
| --- | --- | --- |
| Task | Write the word problem | Check |
| Create a word problem to find the Perimeter or Area. *Use an object or a room in your dream rooms to do this.* | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | * Does it have units of measurement?
* Does it have a question mark?
* Is it possible to solve (does it make sense?)
* Have you checked your spelling of key words?
 |
| Create a word problem to find the missing length of a shape*Use an object or a room in your dream rooms to do this.* | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | * Does it have units of measurement?
* Does it have a question mark?
* Is it possible to solve (does it make sense?)
* Have you checked your spelling of key words?
 |

|  |  |  |
| --- | --- | --- |
| **Goals to Improve** | **How** will you improve? *Tick or underline 1 or 2 strategies for each box.*  | Friday 22nd May  |
| **Organisation and Productivity.** | * I will make sure I have all my materials ready before I start.
* I will work in a quiet place without distractions.
* I will take regular breaks.
* I will use the PowerPoint guide to help me.
 | Ver las imágenes de origen |
| **Understanding**: Area and Perimeter.  | * I will review the formulas for area and perimeter before I begin
* I will watch Math Antics or other YouTube videos to review concepts.
* I will use Brain Pop to clarify my doubts
* I will review PowerPoints from past weeks to clarify my doubts.
 | Ver las imágenes de origen |
| **Checking my Project.** | * I will check I have included my units of measurements.
* I will check all operations with the opposite operation.
* I will re-read my work after I finish it.
* I will re-read instructions and underline the key words.
 | Ver las imágenes de origen |

For this project you will be using lots of different skills we have been developing in Math. It is really important to have a plan to help us achieve our goals for our Dream House Project. Choose 1 or 2 of the strategies for each goal below.

**Metacognition: My Dream Room Project**

I have finished my project. I was good at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Something I need to improve further is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

I will improve this by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.