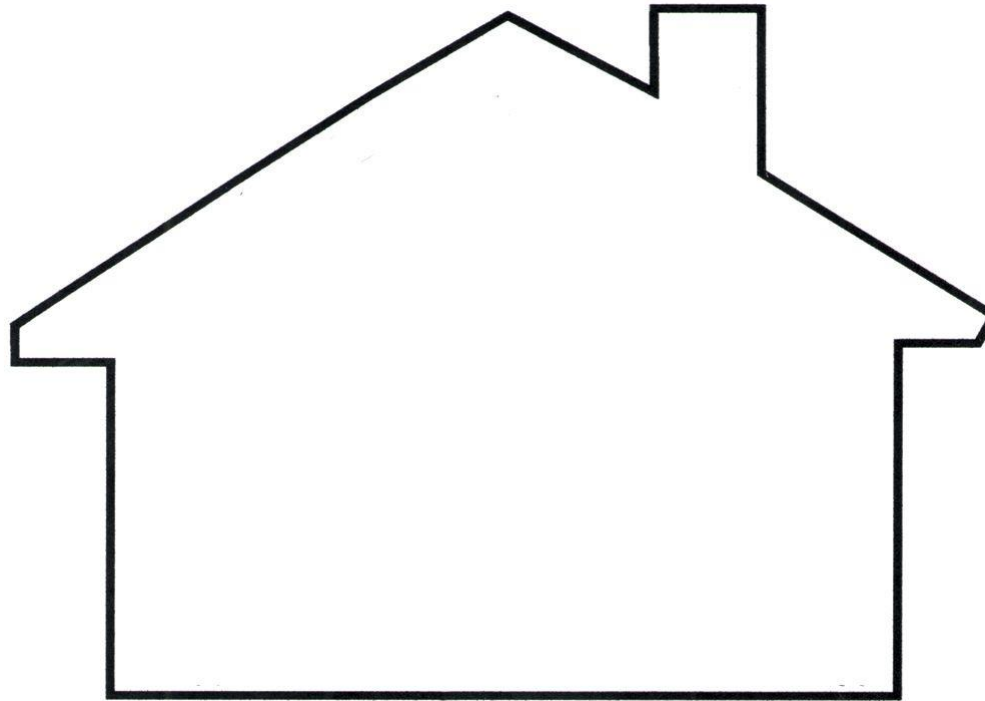


# My Dream Bedroom Project

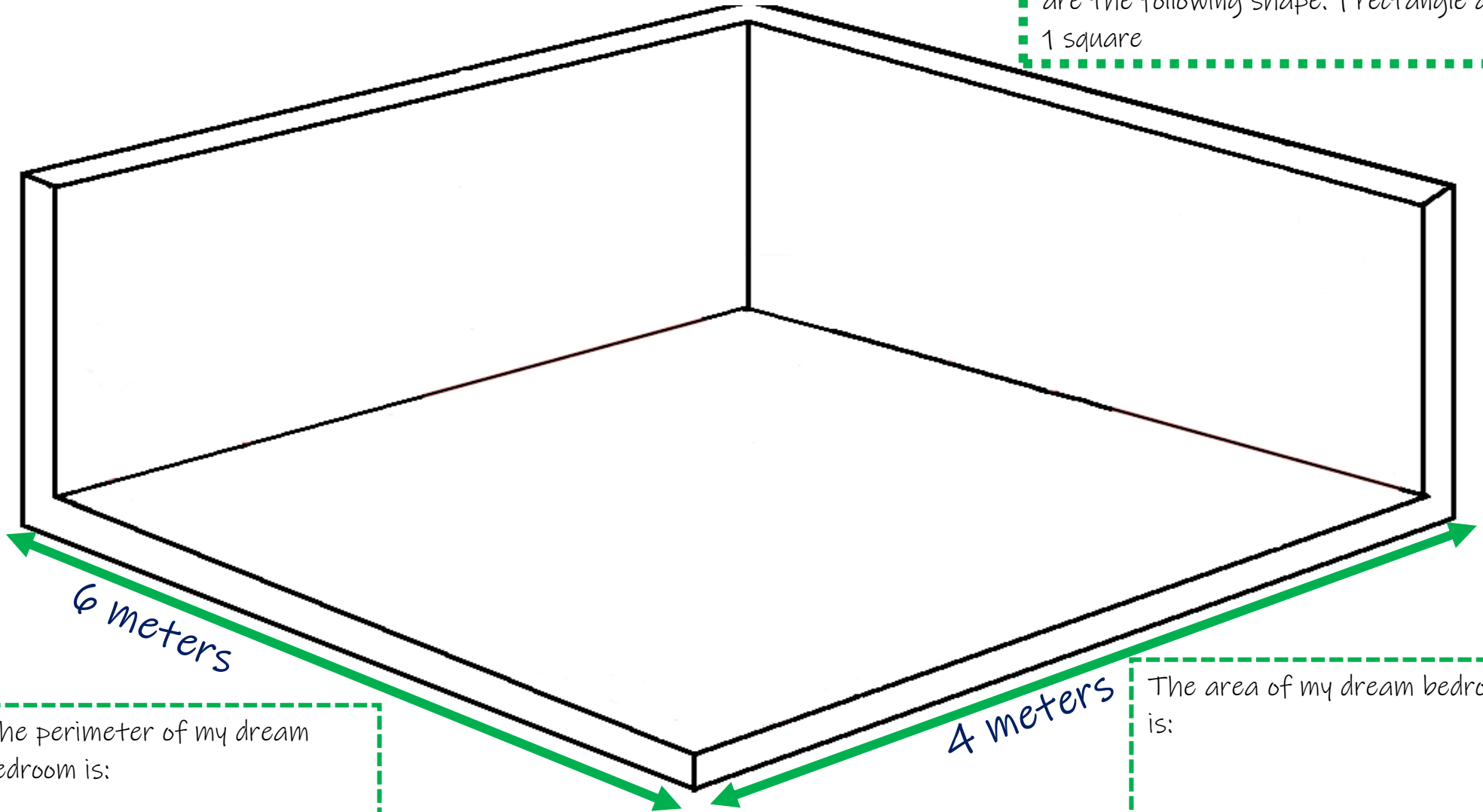


IM1:	_____
CT1:	_____
C2:	_____
M1:	_____
M2:	_____

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

# My Dream Bedroom

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 perimeter of my dream bedroom is:

The area of my dream bedroom is:

# The Objects in my Bedroom

This object is

\_\_\_\_\_



Choose the best units of measurement for your object. You can use mm, cm, m, km

The 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, km

All the sides of this object are equal.

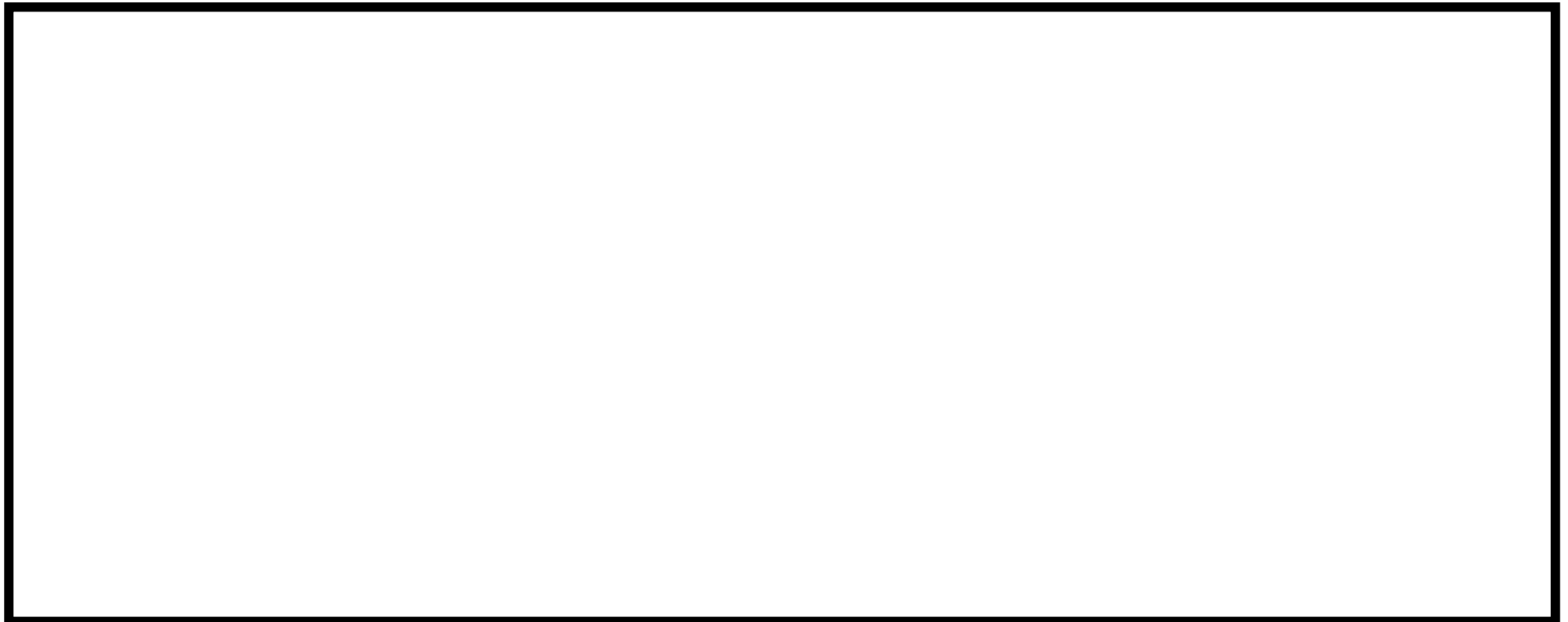
The length of one side is 13.5 \_\_\_\_\_.

Find the perimeter of the object:

The perimeter of this object is \_\_\_\_\_.

# My Dream Playroom

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



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

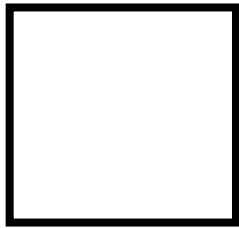
What is the area of your dream playroom? (Show your working out)

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, km

All the sides of this object are equal.

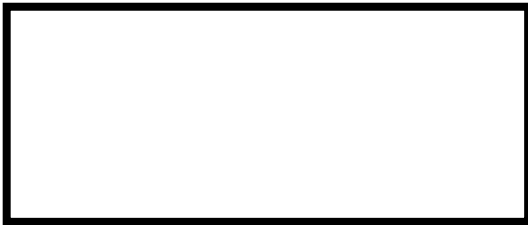
The length of one side is 8 \_\_\_\_.

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, km

The area of the object is  $207 \text{ ____}^2$

The width of this object is 9 \_\_\_\_.

Find the width of the object:

The width of this object is \_\_\_\_\_.



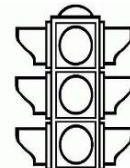
# Creating a Word Problem

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.

Task	Write the word problem	Check
<p>Create a word problem to find the Perimeter or Area.</p> <p><i>Use an object or a room in your dream rooms to do this.</i></p>	<hr/> <hr/> <hr/> <hr/>	<ul style="list-style-type: none"><li><input type="checkbox"/> Does it have units of measurement?</li><li><input type="checkbox"/> Does it have a question mark?</li><li><input type="checkbox"/> Is it possible to solve (does it make sense?)</li><li><input type="checkbox"/> Have you checked your spelling of key words?</li></ul>
<p>Create a word problem to find the missing length of a shape</p> <p><i>Use an object or a room in your dream rooms to do this.</i></p>	<hr/> <hr/> <hr/> <hr/>	<ul style="list-style-type: none"><li><input type="checkbox"/> Does it have units of measurement?</li><li><input type="checkbox"/> Does it have a question mark?</li><li><input type="checkbox"/> Is it possible to solve (does it make sense?)</li><li><input type="checkbox"/> Have you checked your spelling of key words?</li></ul>

# Metacognition: My Dream Room Project

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.

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

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

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

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

\_\_\_\_\_.