Monday:

Each hour, I will double how far I fly.

Work out how far he flies in hour 3

<table>
<thead>
<tr>
<th>hour 1</th>
<th>5km</th>
</tr>
</thead>
<tbody>
<tr>
<td>hour 2</td>
<td>10km</td>
</tr>
<tr>
<td>hour 3</td>
<td>km</td>
</tr>
</tbody>
</table>

Tuesday:

Each hour, I will double how far I fly.

Work out how far he flies in hour 1 and hour 2

<table>
<thead>
<tr>
<th>hour 1</th>
<th>km</th>
</tr>
</thead>
<tbody>
<tr>
<td>hour 2</td>
<td>km</td>
</tr>
<tr>
<td>hour 3</td>
<td>24km</td>
</tr>
</tbody>
</table>
This chart shows how far Wonderpup flies on Friday.

Oh no! Barty has torn the chart. Work out the missing numbers.

In ...

hour 1 he flies \[ 2 \text{ km.} \]

hour 2 he flies \[ 1 \text{ km.} \] From the start that's \[ 3 \text{ km.} \]

hour 3 he flies \[ 4 \text{ km.} \] From the start that's \[ 7 \text{ km.} \]

hour 4 he flies \[ \text{ km.} \] From the start that's \[ \text{ km.} \]

hour 5 he flies \[ \text{ km.} \] From the start that's \[ 16 \text{ km.} \]
Here are four clues to find the house number.

- The number has **3 different** digits.
- There are **no zeros**.
- The digits **add** to 10
- One of the digits is **7**

What could the number be?
There are six different answers.
Use **all four clues** to find them.
Stop here
1. Here is what they ate in April and May.

<table>
<thead>
<tr>
<th></th>
<th>Mot ate</th>
<th>Pip ate</th>
</tr>
</thead>
<tbody>
<tr>
<td>April</td>
<td>45 tins</td>
<td>35 tins</td>
</tr>
<tr>
<td>May</td>
<td>45 tins</td>
<td>40 tins</td>
</tr>
</tbody>
</table>

Mot ate more tins than Pip. How many more?

2. Mot’s tins 50p each  Pip’s tins 40p each

4 tins for Mot cost the same as ? tins for Pip.

What is the missing number? Show how you know.

more tins

tins for Pip
Pip can jump 80cm.

Mot can jump half as high as Pip.

This is a fence. Each Diamond is 25cm high.

Can Mot jump to the top of the fence?

Show how you know.
Mot likes walking. Pip doesn’t!

The square grid shows their walks.

The blue line shows Pip’s walk from \( \times \) to \( \times \)

Pip walks 70 metres.

The orange line shows Mot’s walk from \( \times \) to \( \times \)

How many metres does Mot walk?

\[ \text{metres} \]