### 11th September

<table>
<thead>
<tr>
<th>Find x</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Diagram" /></td>
</tr>
</tbody>
</table>

Arrange in order, smallest to largest

\[
25\,\frac{1}{2}, \quad 8\,\frac{2}{3}, \quad 27\,\frac{1}{3}
\]

A plant was 30cm tall when bought. This type of plant grows 22% each year.

How many years will it take the plant to grow to at least 2 metres?

Find the equation of the line perpendicular to \(y = -2x + 3\) that passes through (1, 10)

Find y.

![Diagram](image)