### 28th April

<table>
<thead>
<tr>
<th>Factorise</th>
<th>Factorise</th>
</tr>
</thead>
<tbody>
<tr>
<td>$x^2 + 2x - 8$</td>
<td>$y^2 - 144$</td>
</tr>
</tbody>
</table>

Find the least common multiple (LCM) of 36 and 54.

Solve the simultaneous equations

$$5x - y = 17$$
$$2x + 3y = 0$$

The Great Pyramid of Giza is a square based pyramid. The base has a side length of 440 cubits. The height of the pyramid is 280 cubits.

Calculate the volume of the Great Pyramid of Giza.

![Diagram of a triangle with sides 10 cm and 40°](image)

Calculate the perimeter.