### 8th August

**Expand and simplify** \(6(w + 3) - 2(w - 5)\)

\[
6w + 18 - 2w + 10 = 4w + 8
\]

Can you spot any mistakes?

<table>
<thead>
<tr>
<th>Four chairs and two tables cost £218. Six chairs and seven tables cost £587.</th>
<th>Find the cost of buyings twenty chairs and five tables.</th>
</tr>
</thead>
</table>

| A cube with side length 8cm is placed on the ground. The pressure exerted on the ground is 4N/cm². What force does the cube exert on the ground? | Express in terms of \(a\) and \(b\) the vector \(\overrightarrow{OC}\) |

| A cylinder with a height of 12cm and a radius of 5cm. Calculate the surface area. | 

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