

8th August



Corbettmaths

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

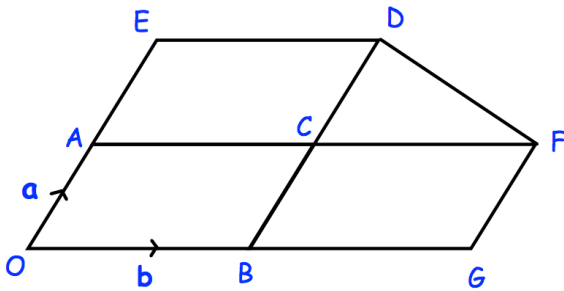
$$6w + 18 - 2w - 10$$

$$= 4w + 8$$

Can you spot any mistakes?

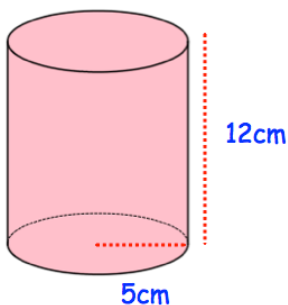
Four chairs and two tables cost £218.
Six chairs and seven tables cost £587.

Find the cost of buying twenty chairs and five tables.

Express in terms of **a** and **b** the vector \overrightarrow{OC}

A cube with side length 8cm is placed on the ground. The pressure exerted on the ground is 4N/cm^2 .

What force does the cube exert on the ground?



Calculate the surface area