

Clive On Perimeter- Answers

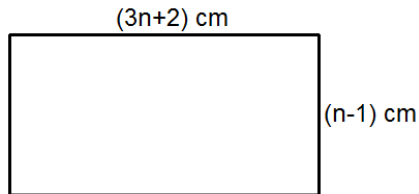
Clive is tackling his perimeter homework and knows that he's made mistakes somewhere.

Can you spot and correct the mistakes Clive has made?

Can you explain what mistakes Clive has made, and maybe give him some tips so that he (hopefully) doesn't make them again?

Question 2:

The perimeter of the rectangle below is 50cm:



Find the value of n .

Clive's answer:

$$\begin{aligned}(3n + 2) + (n - 1) &= 50 \\ 4n + 1 &= 50 \\ 4n &= 49 \\ \text{Answer:} \\ n &= 12.25\end{aligned}$$

Your answer:

$$\begin{aligned}2(3n + 2) + 2(n - 1) &= 50 \\ 6n + 4 + 2n - 2 &= 50 \\ 8n + 2 &= 50 \\ 8n &= 48 \\ \text{Answer:} \\ n &= 6\end{aligned}$$

What mistake has Clive made?

He forgot to double each bracket.