

Amy is doing her Maths homework.

She shows all her workings below.

Expand and  
simplify  $(x + 7)^2$ .

$$(x + 7)^2 \\ = x^2 + 49$$

What mistake has Amy made?

Show any corrections.

Answer:  $(x + 7)(x + 7) = x^2 + 14x + 49$