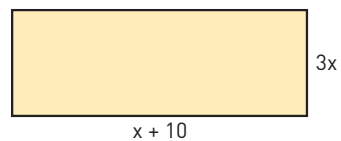


**YOU & MATHS** A yellow rectangle Write an expression that represents the area of the rectangle and simplify it. Then write an expression for its perimeter and simplify it as well.



The area can be written as:  $3x \cdot (x + 10) = 3x^2 + 30x$ .

The perimeter can be written as:  $2 \cdot 3x + 2(x + 10) = 6x + 2x + 20 = 8x + 20$ .