

Starter: Expanding Brackets

Year 8

Starter: Expand each expression

1) Single brackets

$$3(y + 5)$$

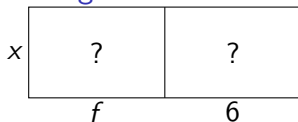
3) Double brackets

$$(x + 4)(x - 2)$$

2) Single brackets

$$a(b - 5)$$

4) What is the area of the rectangle?



Answers

1. $3(y + 5) = 3y + 15$

2. $a(b - 5) = ab - 5a$

3. $(x + 4)(x - 2) = x^2 + 2x - 8$

4. $\text{Area} = xf + 6x = x(f + 6)$