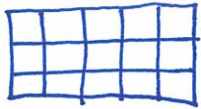
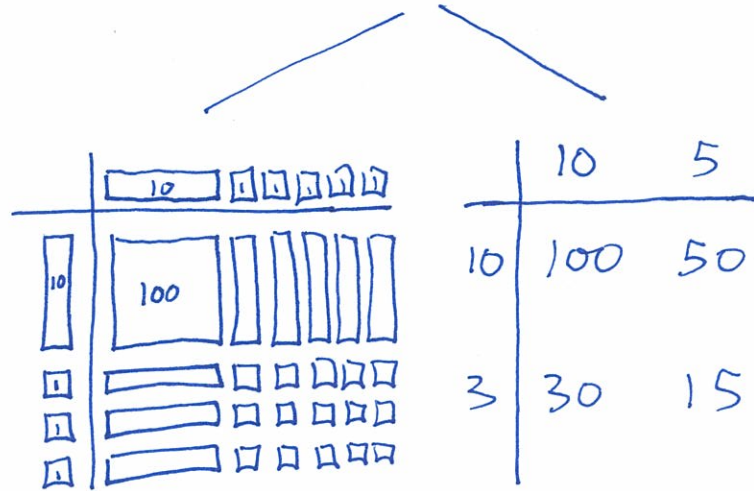


Area Model for Multiplication

$$3 \times 5 = 15$$



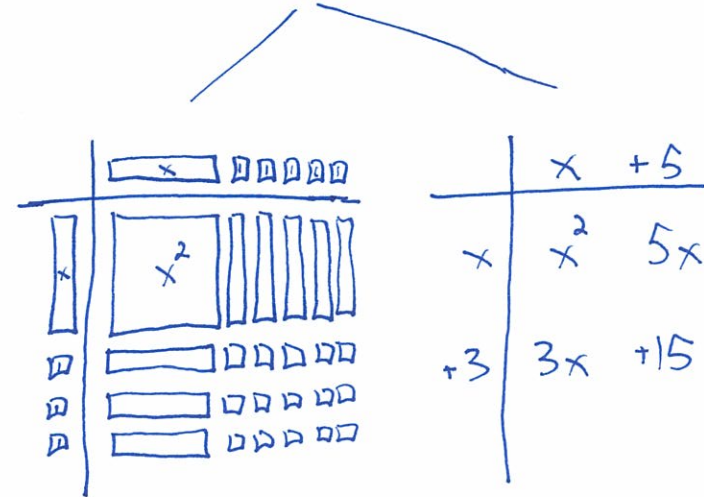
$$13 \times 15 = 195$$



$$= 100 + 50 + 30 + 15$$

$$= 195$$

$$(x+3)(x+5) = x^2 + 8x + 15$$



$$= x^2 + 5x + 3x + 15$$

$$= x^2 + 8x + 15$$