Distributive Law

Distributive Law → $A(B+C) = A \times B + A \times C$

[You distribute the coefficient inside the bracket] → $= A(B+C)$

$4(x-3) = 20$

$4(x) - 4(3) = 20$

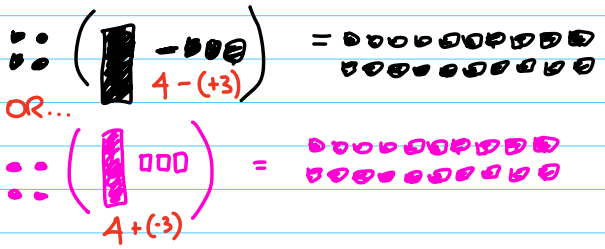
$4x - 12 = 20$

$+12 \quad +12$

$4x = 32$

$\div 4 \quad \div 4$

$\boxed{x = 8}$

Tile Model

$4(x-3) = 20$