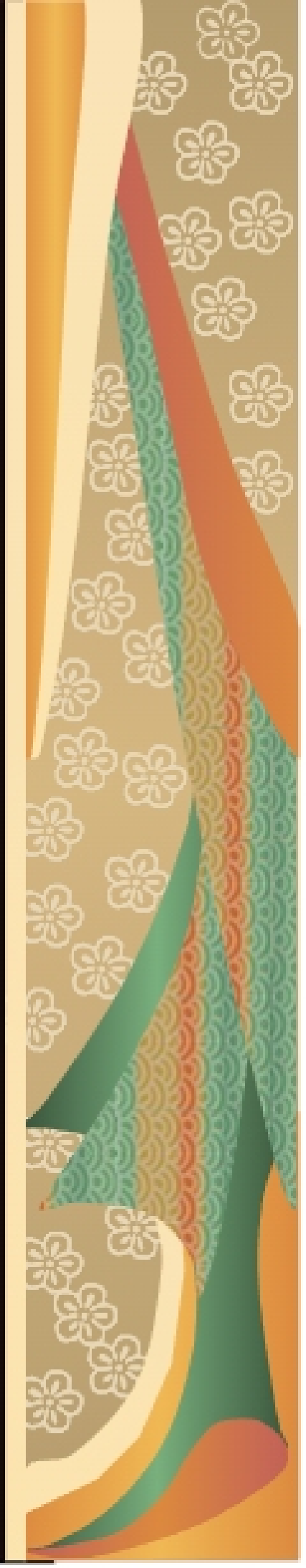


Chapter 2

Solving Linear Equations



Mathematically Speaking

Can you identify what happens in each step?

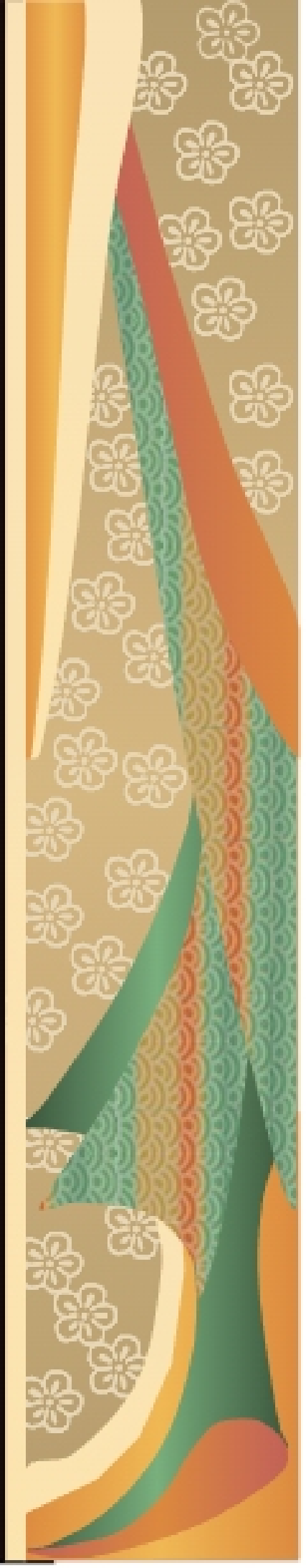
$$15x + 13y - 4(3x+2y)$$

$$15x + 13y - 12x - 8y$$

$$15x - 12x + 13y - 8y$$

$$(15 - 12)x + (13 - 8)y$$

$$3x + 5y$$



Can you identify what has happened in each step?

$$15x + 13y - 4(3x+2y) \quad \text{- Given}$$

$$15x + 13y - 12x - 8y \quad \text{-Distributive}$$

$$15x - 12x + 13y - 8y \quad \text{-Commutative}$$

$$(15 - 12)x + (13 - 8)y \quad \text{-Factor}$$

$$3x + 5y \quad \text{-Addition}$$

