Examples:

 **TRANSLATION**→**SLIDE**

**TRANSFORMATIONS**

(x + #, y) →Right

 (x – #, y) →Left

(x, y + #) →Up

(x, y – #)→Down

 Examples:

 **REFELCTION**→**FLIP**

x-axis→ (x, -y) Change the sign of y

 y-axis→ (-x, y) Change the sign of x

 y = x → (y, x) Swap both

 y = -x → (-y, -x) Swap & Negate

 Examples

 **ROTATION**→**TURN**

 90 CW & 270 CCW → (y, -x) Negate x & swap

 90 CCW & 270 CW → (-y, x) Negate y & swap

 180 either way → (-x, -y) Negate both

**TRANSLATION**

**REFLECTION**

**ROTATION**