Algebraic <u>Pules</u> for Transformations Translation 40 UP ta right - MOWN -a left (x,y) -> (x+a,y+b) Reflection Over x-axis: (x,y) -> (x,-y) 0 ver 4-0 xis: (x,y) -> (-x,y) over the line y=x: (x,y) -> (y,x) over the line y=-x: (x,y) -> (-y,-x) Rotations 90° counter clockwise: (x,y) -> (-y,x) 150°: (HXL+4)(X,4) -> (-X,-4) 270° counterclockwise: (x,y) -> (y,-x) 90° HOCKWISE

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