

Tut's Tablet



You've been summoned by the Egyptian Pharaoh Tutankhamun to help create a maze to protect his precious jewels and treasures in his burial chamber.

Using a grid paper, you must create a maze that would require robbers to perform at least one translation, rotation and reflection to get to Tut's treasures.

Your maze needs to include the following:

1. At least 2 mazes
2. At least one translation, rotation and reflection required to complete each maze.
3. *Extra Credit: impassable obstacles that are coloured in as quadrilaterals*
4. *Special Credit: note the degree of the rotation*
5. A description of how you would complete the maze & show the pawn's movements.



Examples:

Translation to slide more than 1 block left or right

Rotation to turn one block up or down

Reflection to flip one block left or right

Translation to slide

Reflection to jump and flip to another box a distance away, must be mirror reflection

Rotation to turn to another box