

TRANSFORMATIONS PROJECT

Part 1—Translations

X and Y axis	_____	/1
Notches and Numbers	_____	/1
1 figure connected with straight lines		
-at least 5 points	_____	/1
Directions for translation	_____	/2
Translate figure 2 times correctly	_____	/2
Label all points with letters	_____	/1
Label all points (x,y)	_____	/1
Color / Neat	_____	/1
TOTAL	_____	/10

Part 2—Reflections

X and Y axis	_____	/1
Notches and Numbers	_____	/1
Create a figure in Quadrant 1		
-at least 8 points	_____	/1
Reflect into Quadrant 2	_____	/1
Quadrant 3	_____	/1
Quadrant 4	_____	/1
Color	_____	/1
Neatness	_____	/1
Label all points (x,y)	_____	/2
TOTAL	_____	/10

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Quadrant 3	_____	/1
Quadrant 4	_____	/1
Color	_____	/1
Neatness	_____	/1
Label all points (x,y)	_____	/2
TOTAL	_____	/10

Part 3—Rotations

Notches and Numbers	_____	/1
Create a figure in Quadrant 1		
-at least 5 points	_____	/1
Rotate clockwise 90 degrees	_____	/1
180 degrees	_____	/1
270 degrees	_____	/1
Color	_____	/1
Neatness	_____	/1
Label all points (x,y)	_____	/2
TOTAL	_____	/10

Part 4—Dilations

Notches and Numbers	_____	/1
Create a figure		
-at least 10 points	_____	/2
Dilate figure by 2	_____	/1
Dilate figure by 1/2	_____	/1
Color	_____	/1
Neatness	_____	/1
Label all points (x,y)	_____	/2
TOTAL	_____	/10

GRADE ON PROJECT:

_____ /40 _____ %

Part 3—Rotations

Notches and Numbers	_____	/1
Create a figure in Quadrant 1		
-at least 5 points	_____	/1
Rotate clockwise 90 degrees	_____	/1
180 degrees	_____	/1
270 degrees	_____	/1
Color	_____	/1
Neatness	_____	/1
Label all points (x,y)	_____	/2
TOTAL	_____	/10

Part 4—Dilations

Notches and Numbers	_____	/1
Create a figure		
-at least 10 points	_____	/2
Dilate figure by 2	_____	/1
Dilate figure by 1/2	_____	/1
Color	_____	/1
Neatness	_____	/1
Label all points (x,y)	_____	/2
TOTAL	_____	/10

GRADE ON PROJECT:

_____ /40 _____ %