

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Transformations

N L W D D E C S E G A M I E R P M M G G J L F H  
E Z T A U T A O O C I R J K K Y E A S K S P J U  
V V S Y V D F I U K J I M J D I G I R L J G P C  
I P O D V C S U Z N M V T N R X A L M M P Z Q H  
T I Q B A C M E H F T W X S Q C F W I J C J O L  
I Q T Q Y Z P D S E U E T A N I D R O O C I P V  
S Q H F Y Z I H C I K Y R E J U P O S P W C J R  
O H I V G N L Z I V W H R C J A V X T R D O F O  
P P P M A I F S M B G K L T L S Y R I L K C R T  
U E N L L U S I X A X O C L E O E M N C D G H C  
N P O H J W E V O B Z Q M O Y M C V U Z H F T Z  
O J I E E N O G Y L O P Z F L F O K Q L A E N E  
I X T L N E G A T I V E F N C C B S W P A E G O  
T Z C O A N I N E T Y D E G R E E S I I R D X G  
A E E G L A Z V K P K X I F S D T R R U S Y Q W  
T B L H P Y E V I E Z P I P H U X F G J U E J K  
O N F F K M J A I T A G W U R V T I E N Z A L S  
R L E Q I B K U D W D T E T I A F Q V L X L A F  
E Z R R N G I Q R D J O B U N C F D R Z B X S S  
I W P Y N O I T A L I D W R K S R I N I G I R O  
B G P D J W B E D I L S P N U I Q T O C X C Q W  
X C W E N L A R G E L P R G G X O J Y L A Q E G  
T R A N S L A T I O N M J T N A H B R I G H T B  
N P H X S B C X U D X Z P A I Y Y N O W E W G T

counterclockwise  
reflection  
negative  
polygon  
y axis  
prime  
slide  
flip

ninetydegrees  
clockwise  
dilation  
enlarge  
shrink  
plane  
down  
up

translation  
pre-image  
isometry  
figure  
x axis  
right  
left

coordinate  
positive  
rotation  
origin  
units  
rigid  
turn