

Name: _____

Date: _____

Functions and Relations

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

A vertical Line Test

A mapping diagram

Line Segment

The domain

Input

Independent Variable

Continuous graph

A Relation

The range

Dependent Variable

Discrete graph

A Function

Output