Nonlinear Functions & Set Theory



Class Date Name Stress Level The graph shown is what type of function? Dwayne is taking a 4.5 Stress Level (heartbeats per second)
(heartbeats per second)
1.5 test. Based on the Circle the answer letter. graph shown, when a. linear is his stress about ·2 -1₋₂ the test at the b. nonlinear lowest level? c. exponential Time (minutes) The graph shown is 35 what type of function? A set is a collection of objects called 30 25 elements. If set $A = \{x > 45\}$, which 20 a. linear number is not in the set? Cross it out. 15 b. nonlinear 10 **40** er of 3 osse. er sse 18 **PREVIEW** Please Sign In or Sign Up to download roni the printable version of this worksheet 25 ulicii pizza: c. 0, 4, 16 According to the graph that represents 10 According cats Linda's drive to her son's house, how many to the Venn rest stops did she take before arriving at 34 37 diagram, how his house? **Travel Time** many people 75 a. 2 own a cat? 60 b. 3 42 c. 65 fish 10 20 30 40 50

Time (minutes)

c. 65

10 20

0 40 50 Time (minutes)

Nonlinear Functions & Set Theory - Answer Key

Math

fish

Name Class Date Stress Level The graph shown is what type of function? Dwayne is taking a Stress Level (heartbeats per second) 1.5 - 2.5 - 2.1.5 - 2.5 test. Based on the Circle the answer letter. graph shown, when a. linear is his stress about the test at the b.) nonlinear lowest level? c. exponential point D Time (minutes) The graph shown is 35 what type of function? A set is a collection of objects called 30 25 elements. If set $A = \{x > 45\}$, which 20 a. linear number is not in the set? Cross it out. 15 b. nonlinear 10 er of osse. er sse 18 **PREVIEW** Please Sign In or Sign Up to download roni the printable version of this worksheet 25 uicii pizza: c. 0, 4, 16 27 + 25 = 52According to the graph that represents 10 According Linda's drive to her son's house, how many to the Venn rest stops did she take before arriving at 34 37 diagram, how his house? **Travel Time** many people 16 own a cat? 60 12 + 37 + 9 + 10 = 6842