Praxis Core Math 5733 Exam 2041

Section: 5752 Core Academic Skills for Educators • **Total Questions:** 1 • **Format:** Verified Q&A

1. Which of the following is best modeled by a linear relationship that has a positive correlation?

(A) The amount of money, y, in dollars, in a bank account x years after the initial deposit, where the money in the account earns 9% interest per year and there are no other transactions in the account

(B) The cost, y, in dollars, of manufacturing x items, where it costs $0.49 to manufacture each item

(C) The number of turtles, y, in a lake x years after introducing them to a lake, where the number of turtles doubles each year

(D) The distance, y, in miles, between two cyclists traveling toward each other x hours after they both start moving, where each cyclist travels at a constant rate of 12 miles per hour

(E) The height, y, in feet, of a balloon x minutes after it begins descending, where the balloon descends at a constant rate of 2 feet per minute