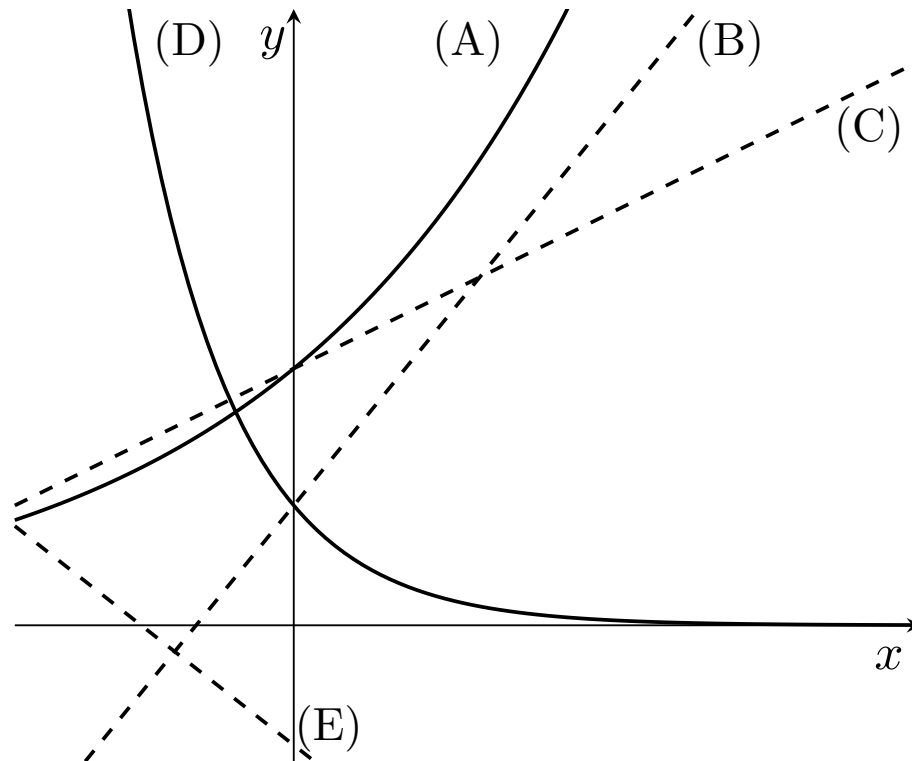


4. [10 points] The following picture shows the graphs of five different functions. Below the graphs, you are also given the formulas for these functions, where p, q, r, s are some positive numbers.



Match each formula to the respective graph A, B, C, D or E .

a. [2 points] $y = p + sx$ _____

Solution: (C)

b. [2 points] $y = q + rx$ _____

Solution: (B)

c. [2 points] $y = -q - \frac{1}{r}x$ _____

Solution: (E)

d. [2 points] $y = pr^x$ _____

Solution: (A)

e. [2 points] $y = qs^x$ _____

Solution: (D)