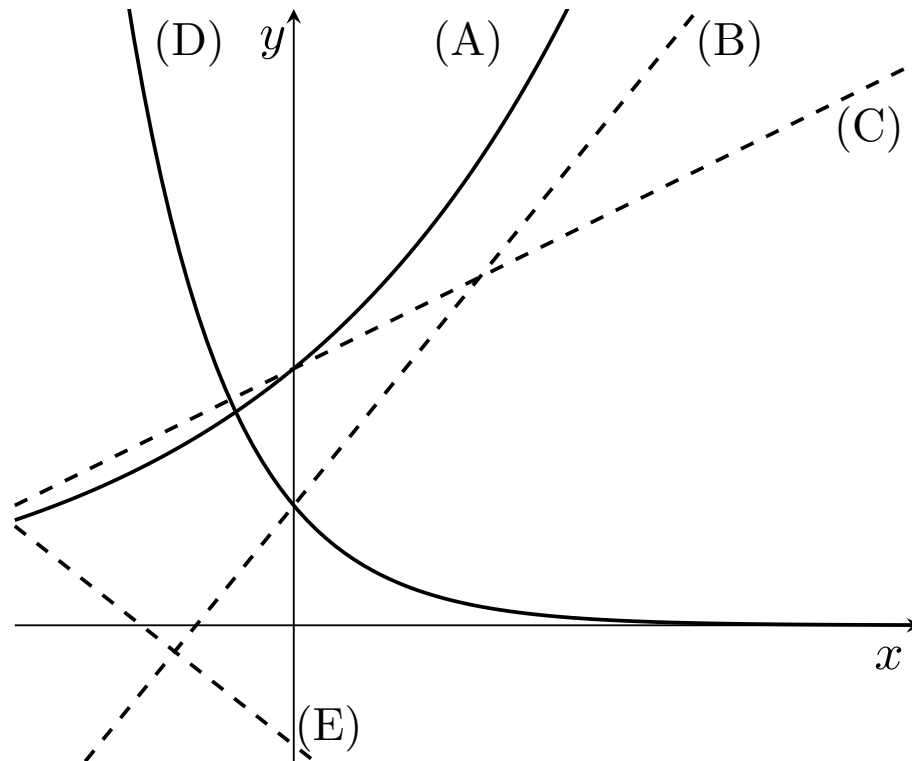


4. [10 points] The following picture shows the graphs of five different functions. Below the graphs, you are also given the formulas for these functions, where  $p, q, r, s$  are some positive numbers.



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

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

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

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

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

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