

REVISION WORKSHEET 8

[24]

Grade 10 - INTERPRETING EXPONENTIAL FUNCTIONS

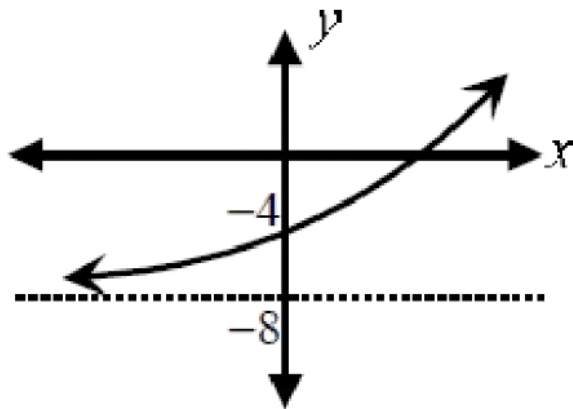
When completing these revision questions keep in mind that you are aiming for a work pace of 'a mark a minute'. You should therefore aim to complete each of the following questions in 4 minutes as they each have a mark allocation of 4 marks.

Practice frequently to improve your understanding and complete your work quickly but correctly.

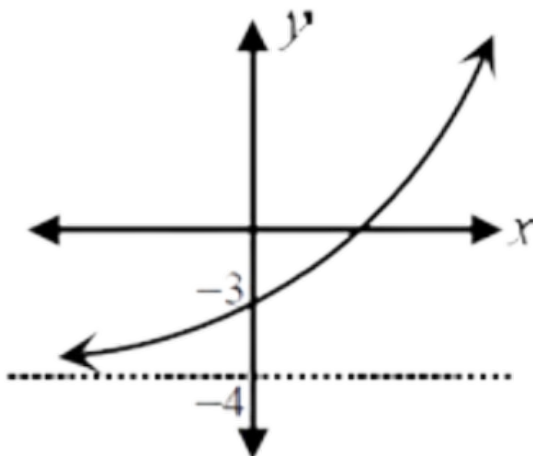
EXERCISE

Determine the equation of the following graphs in the form $f(x) = a \cdot b^x + q$

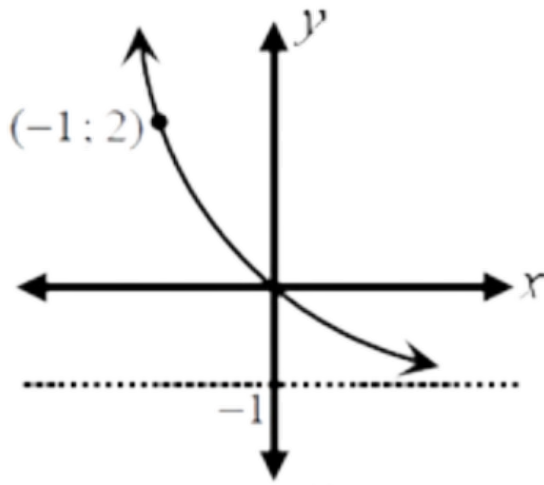
- A. Given: $f(x) = a \cdot 2^x + q$ (4)



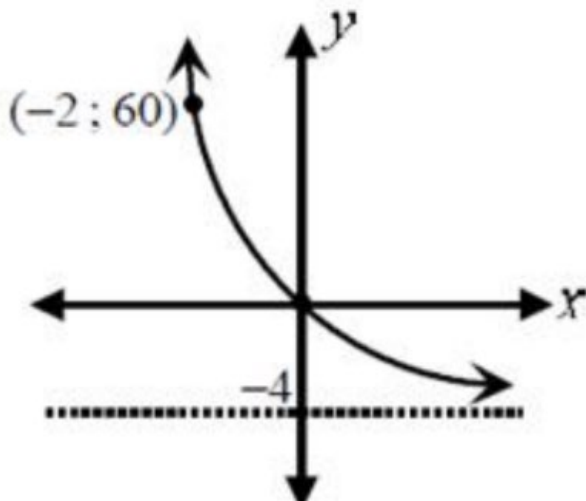
- B. . Given: $f(x) = a \cdot 2^x + q$ (4)



- C. Given: Given: $f(x) = b^x + q$ (4)



- D. Given: $f(x) = a \cdot b^x + q$ (6)



- E. Given: $f(x) = a \cdot b^x + q$ (6)

