

Exercise 1Calc. : **X**

On donne les représentations graphiques des cinq fonctions ci-dessous :

5 marks

$f(x) = 2^x$

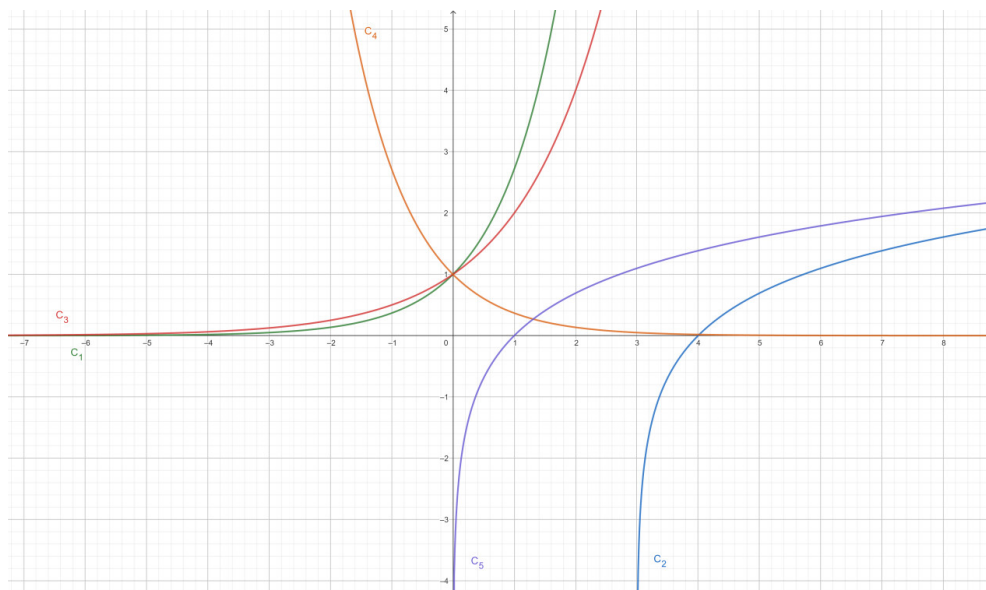
$g(x) = e^x$

$h(x) = \ln(x)$

$i(x) = \ln(x - 3)$

$j(x) = e^{-x}$

Indiquer quel graphique correspond à quelle fonction sans explications.

**Exercise 2**Calc. : **X**

Die fünf folgenden Funktionen wurden graphisch dargestellt:

5 marks

$f(x) = 2^x$

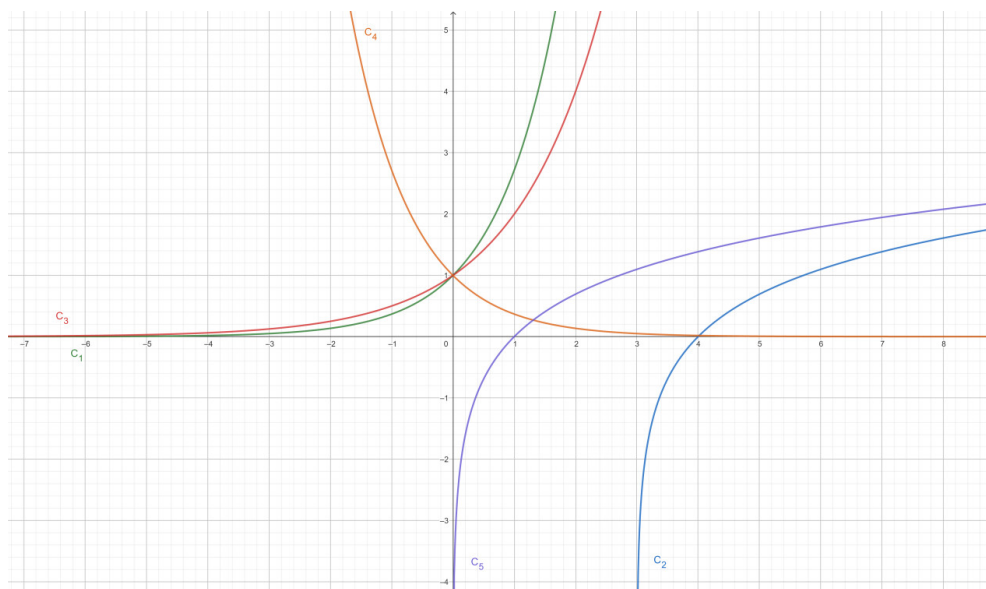
$g(x) = e^x$

$h(x) = \ln(x)$

$i(x) = \ln(x - 3)$

$j(x) = e^{-x}$

Geben Sie ohne Erklärung an, welches Schaubild zu welcher Funktion gehören kann.



Exercise 3

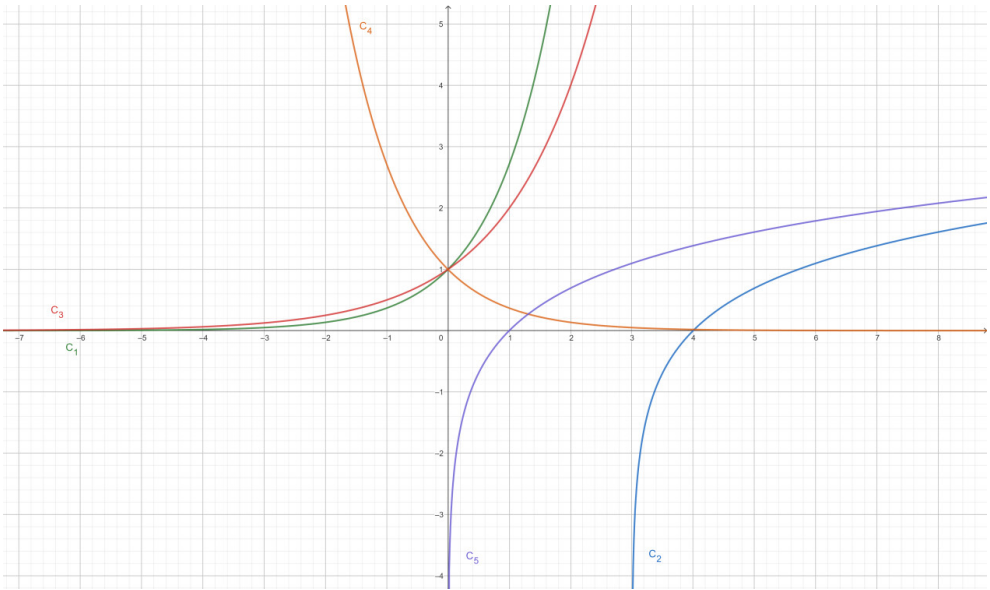
Calc. : ✗

5 marks

Given the functions f, g, h, i and j defined by:

$f(x) = 2^x$ $g(x) = e^x$ $h(x) = \ln(x)$ $i(x) = \ln(x - 3)$ $j(x) = e^{-x}$

And their graphic representations:



Match the function to its corresponding curve. No proof or justification required.