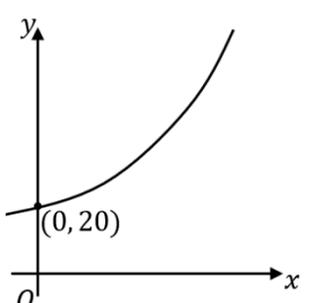
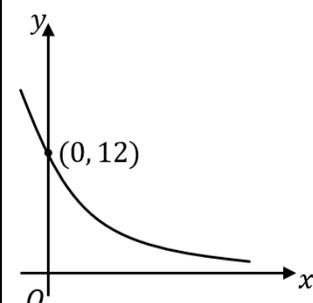
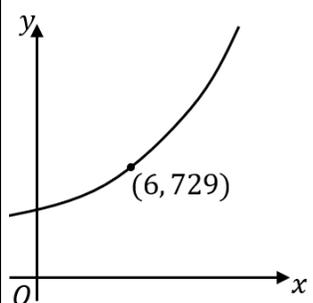
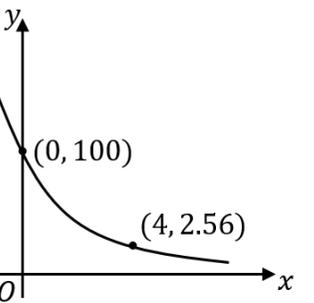
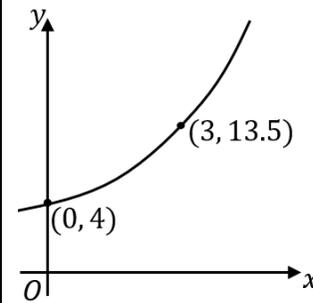
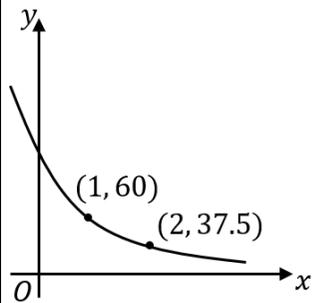
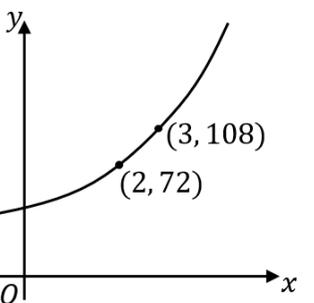
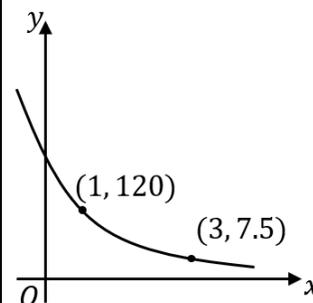
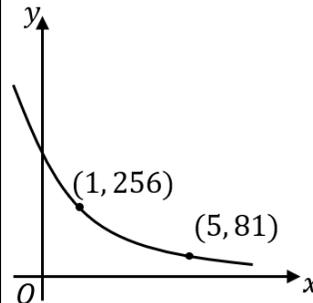


Finding the Equation of Exponential Graphs

(a)	(b)	(c)
<p>The curve has equation $y = ab^x$. Write down the value of a.</p>  <p style="text-align: right; color: red; font-weight: bold;">$a = 20$</p>	<p>The curve has equation $y = ab^{-x}$. Write down the value of a.</p>  <p style="text-align: right; color: red; font-weight: bold;">$a = 12$</p>	<p>The curve has equation $y = k^x$. Find the value of k.</p>  <p style="text-align: right; color: red; font-weight: bold;">$k = 3$</p>
(d)	(e)	(f)
<p>The curve has equation $y = ab^{-x}$. Find the values of a and b, where $b > 0$</p>  <p style="text-align: right; color: red; font-weight: bold;">$a = 100$ $b = 2.5$</p>	<p>The curve has equation $y = ab^x$. Find the values of a and b.</p>  <p style="text-align: right; color: red; font-weight: bold;">$a = 4$ $b = 1.5$</p>	<p>The curve has equation $y = ab^{-x}$. Find the values of a and b.</p>  <p style="text-align: right; color: red; font-weight: bold;">$a = 96$ $b = 1.6$</p>
(g)	(h)	(i)
<p>The curve has equation $y = ab^x$. Find the values of a and b.</p>  <p style="text-align: right; color: red; font-weight: bold;">$a = 32$ $b = 1.5$</p>	<p>The curve has equation $y = ab^{-x}$. Find the values of a and b, where $b > 0$</p>  <p style="text-align: right; color: red; font-weight: bold;">$a = 480$ $b = 4$</p>	<p>The curve has equation $y = ab^{-x}$. Find the values of a and b, where $b > 0$</p>  <p style="text-align: right; color: red; font-weight: bold;">$a = \frac{1024}{3}$ $b = \frac{4}{3}$</p>