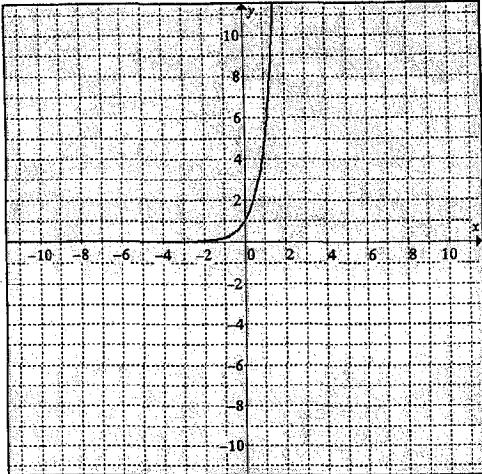


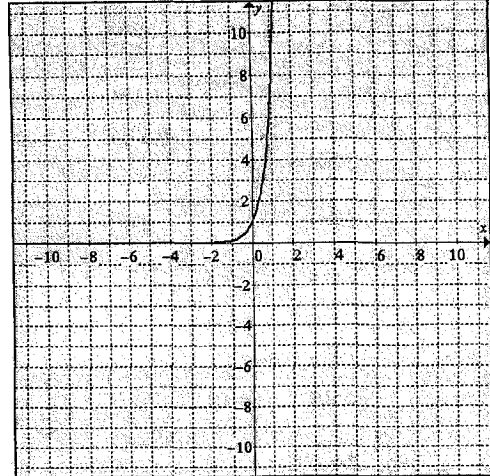
Exponential Equations from Graphs – Answers

Date:

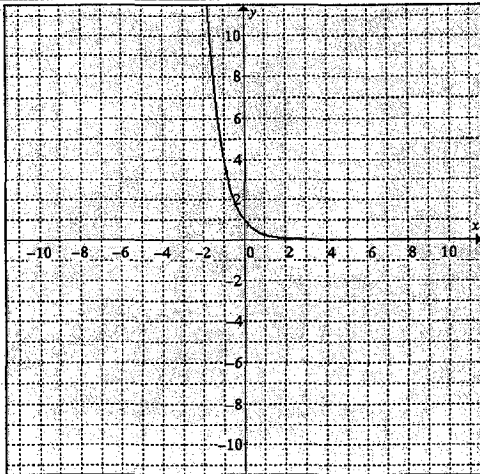
Beneath each graph, write the exponential function formula which corresponds to the plotted curve.



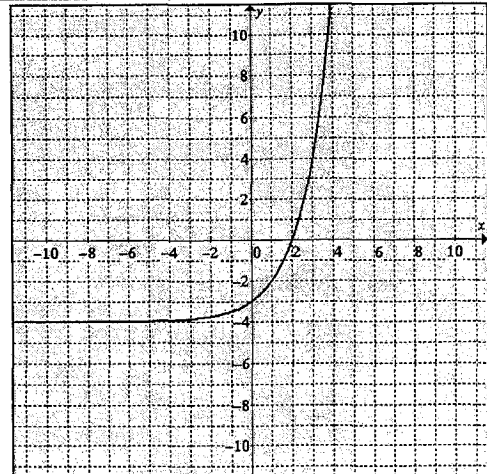
1. $y = 5^x$



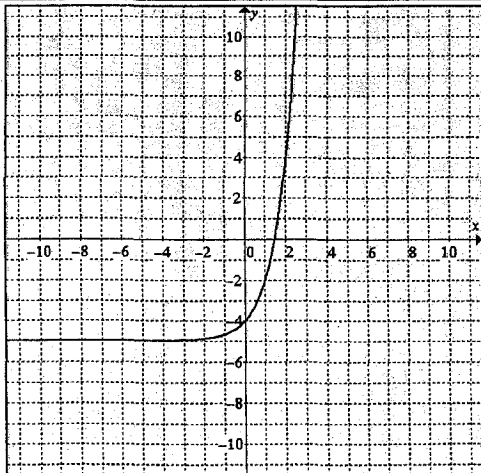
2. $y = 8^x$



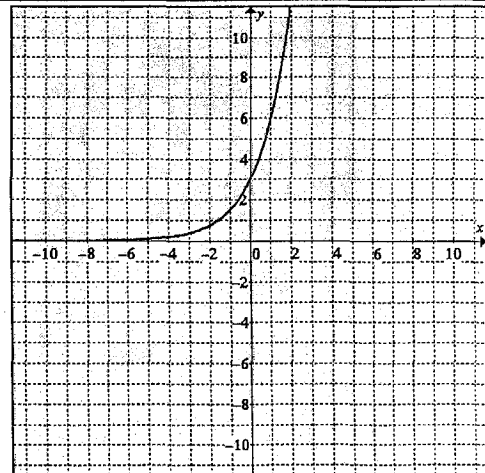
3. $y = \left(\frac{1}{4}\right)^x$



4. $y = 2^x - 4$



5. $y = 3^x - 5$

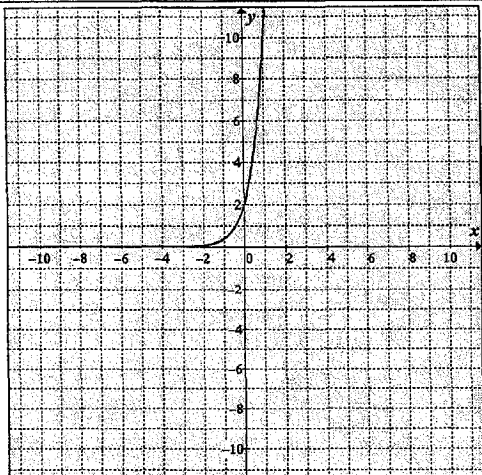


6. $y = 3(2^x)$

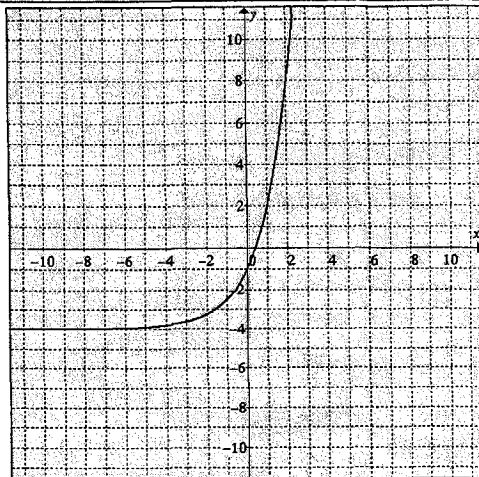
Exponential Equations from Graphs – Answers

Date:

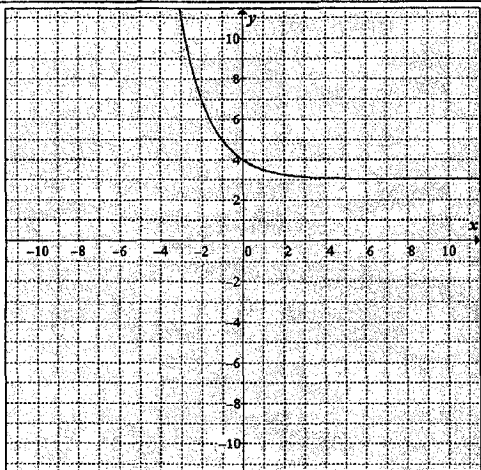
Beneath each graph, write the exponential function formula which corresponds to the plotted curve.



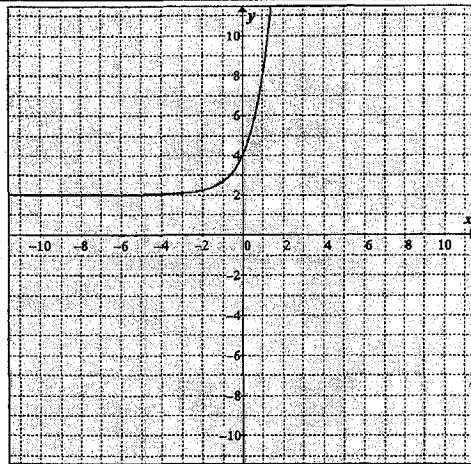
7. $y = 2(5^x)$



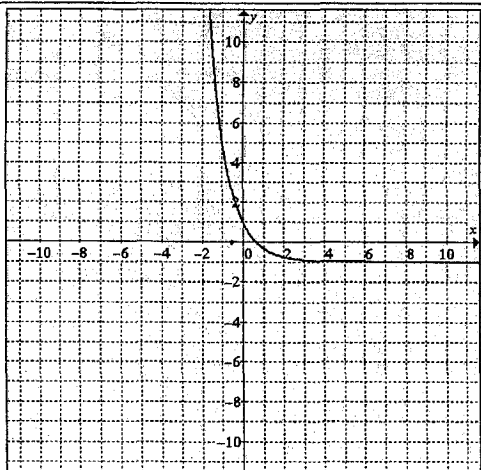
8. $y = 3(2^x) - 4$



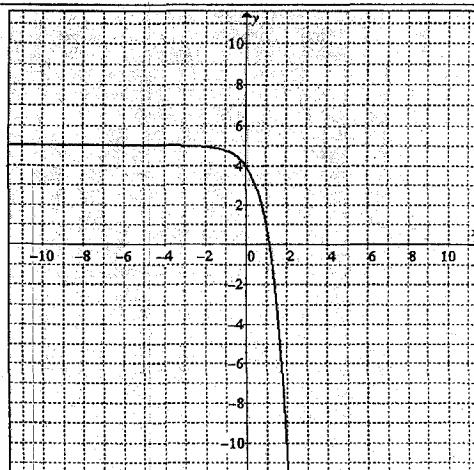
9. $y = \left(\frac{1}{2}\right)^x + 3$



10. $y = 2(3^x) + 2$



11. $y = 2\left(\frac{1}{3}\right)^x - 1$



12. $y = -4^x + 5$