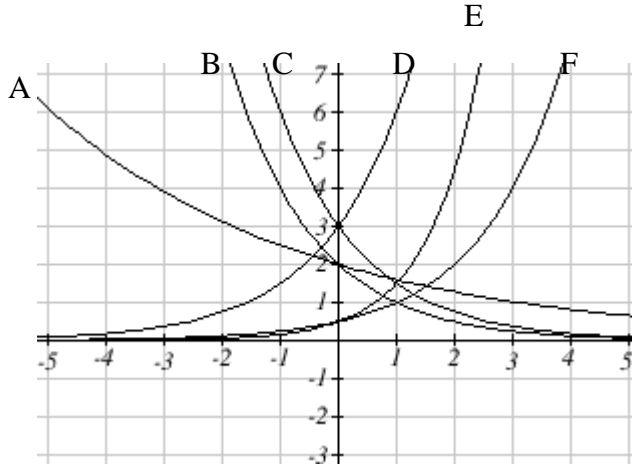


**MA002**  
**Unit 4 Assessment**  
**Quiz 11a: Section 4.2**

1. Match the graphs below with the correct equation.



$y = 0.5(3)^x$       Letter \_\_\_\_\_

$y = 3(0.5)^x$       Letter \_\_\_\_\_

$y = 2(0.5)^x$       Letter \_\_\_\_\_

$y = 0.5(2)^x$       Letter \_\_\_\_\_

$y = 2(0.8)^x$       Letter \_\_\_\_\_

$y = 3(2)^x$       Letter \_\_\_\_\_

2. Find an exponential equation that passes through the two points  $f(-1) = \frac{1}{2}$  and  $f(2) = 32$

3. Solve for  $t$  in this equation:  $5(1.04)^t = 12$

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