

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Scaffolded Practice: Comparing Models

For problems 1–5, write the letter of each function below its graph.

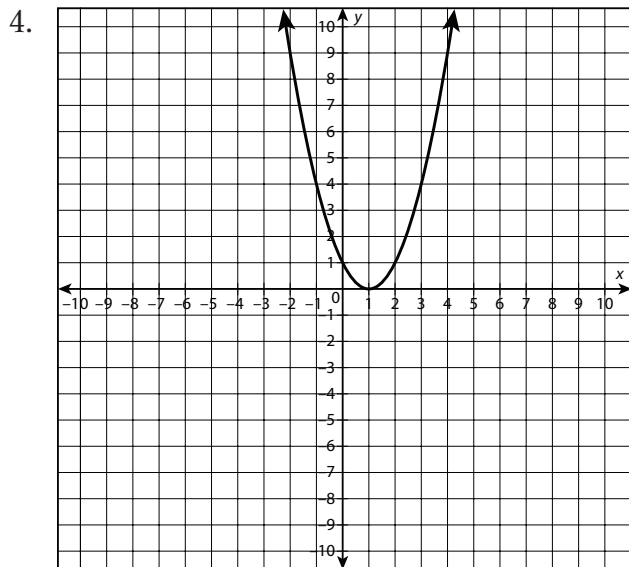
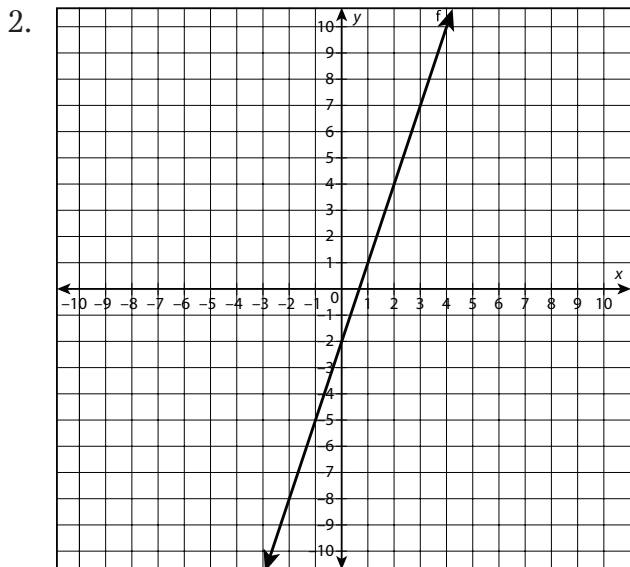
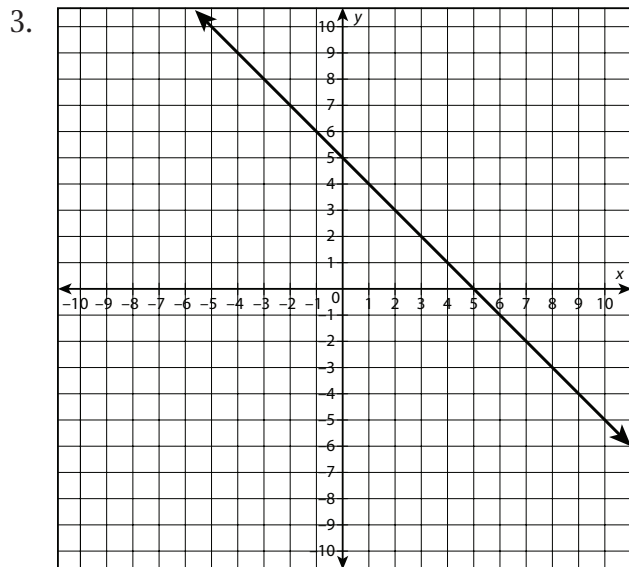
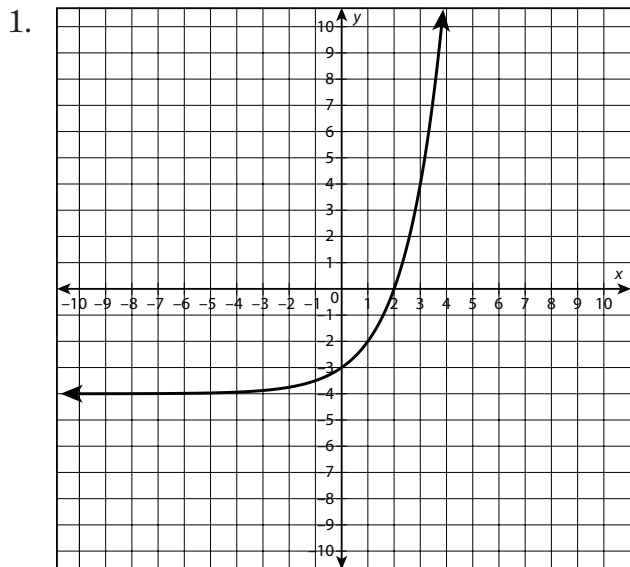
a.  $f(x) = 3x - 2$

c.  $f(x) = 2^x - 4$

e.  $f(x) = -x + 5$

b.  $f(x) = -2x^2$

d.  $f(x) = x^2 - 2x + 1$

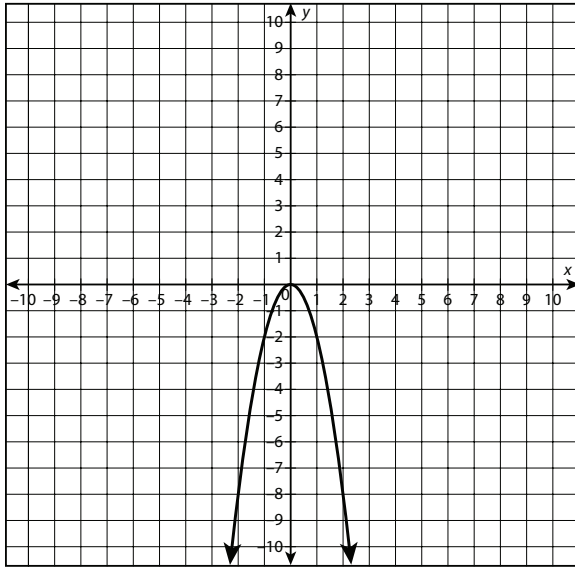


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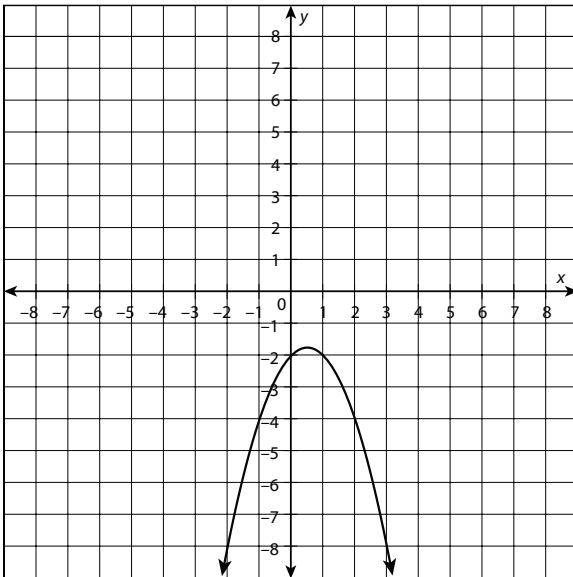
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5.

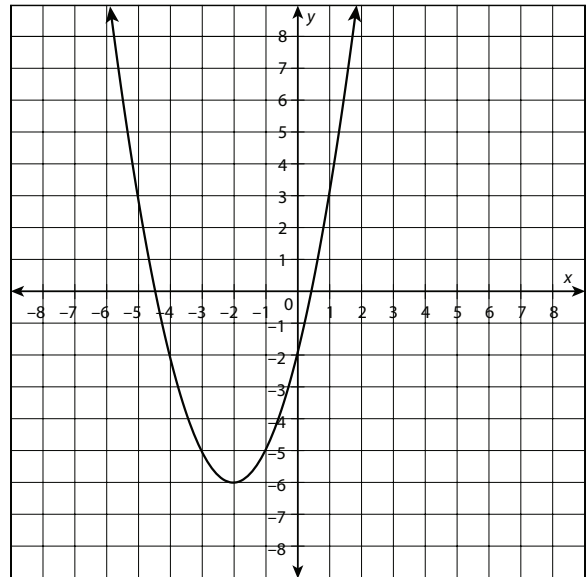


Use the following graphs to complete problems 6 and 7.

**Graph A**



**Graph B**



6. Determine which graph is greater when  $x = 1$ .

7. Determine which graph is greater when  $x = -1$ .

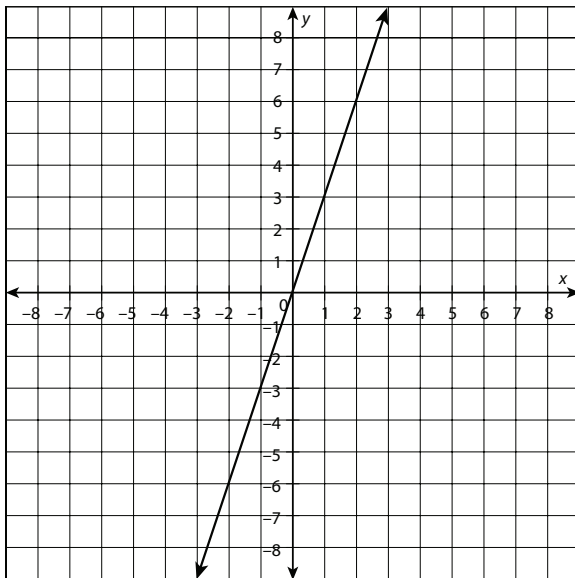
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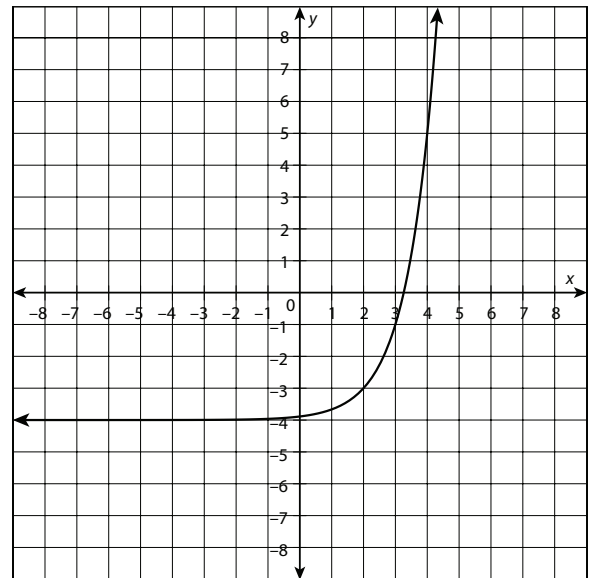
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Use the following graphs to complete problems 8–10.

**Graph A**



**Graph B**



8. Determine which graph is greater when  $x = 0$ .
  
  
  
  
  
  
  
  
  
  
9. Determine which graph is greater when  $x = -2$ .
  
  
  
  
  
  
  
  
  
  
10. Determine which graph could represent the function  $y = 3x$ .