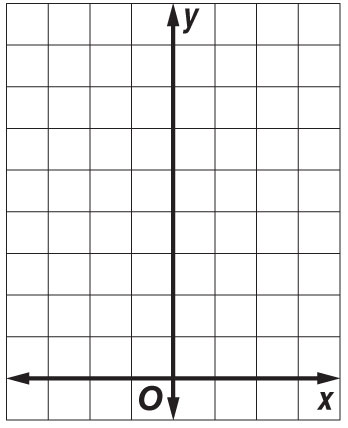
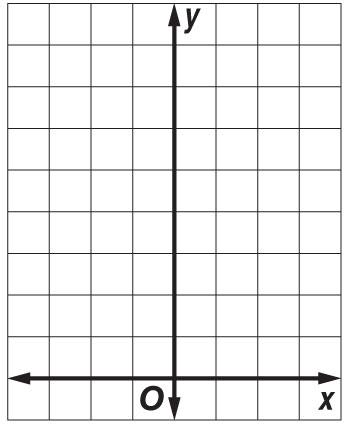
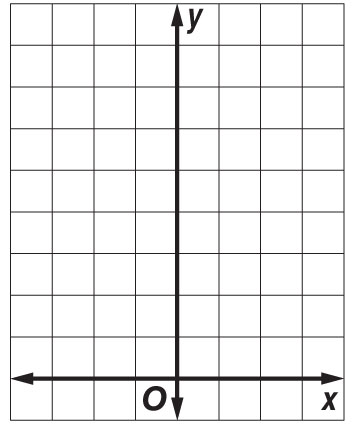
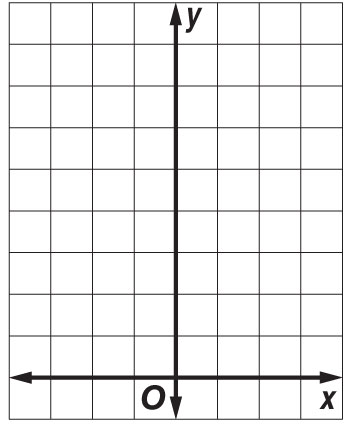
**7-5 Homework: *Exponential Functions***

**Graph each function. Find the *y*-intercept, and state the domain and range.**

**1.** *y* = **2.** *y* =



**3.** *y* = 3() **4.** *y* = + 2



**Determine whether the set of data shown below displays exponential behavior. Write *yes* or *no*.  
Explain why or why not.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **5.** | ***x*** | –3 | –2 | –1 | 0 |
|  | ***y*** | 9 | 12 | 15 | 18 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **6.** | ***x*** | 0 | 5 | 10 | 15 |
|  | ***y*** | 20 | 10 | 5 | 2.5 |