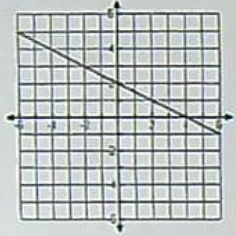


$$y = 3x + 2$$

x	y
-3	-7
-2	-4
-1	-1
0	2
1	5
2	8
3	11

D: $(-\infty, \infty)$ x: $(-\infty, \infty)$ increasing
 R: $(-\infty, \infty)$ y: $(0, 2)$

2.

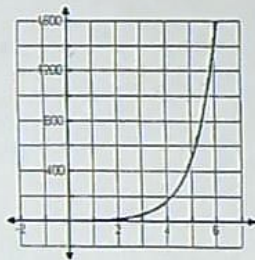


$$y = -\frac{1}{2}x + 2$$

x	y
-3	3.5
-2	3
-1	2.5
0	2
1	1.5
2	1
3	0.5

D: $(-\infty, \infty)$ x: $(-\infty, \infty)$ decreasing
 R: $(-\infty, \infty)$ y: $(0, 2)$

3.



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

x	y
0	2
1	6
2	18
3	54
4	162
5	486
6	1458

D: $(-\infty, \infty)$ x: none
 R: $(0, \infty)$ y: $(0, 2)$ increasing

4.



$$y = 2\left(\frac{1}{2}\right)^x$$

x	y
0	2
1	1
2	0.5
3	0.25
4	0.125
5	0.0625
6	0.03125

D: $(-\infty, \infty)$ x: none
 R: $(0, \infty)$ y: $(0, 2)$ decreasing

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