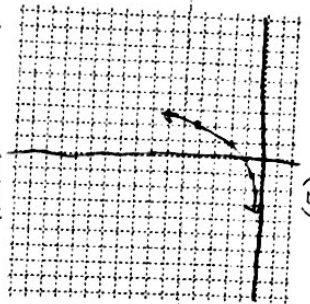


Graphing Exponential Functions Worksheet

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

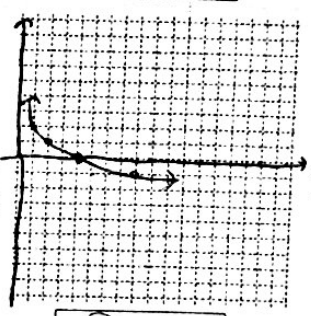
x	y
-2	-4
-1	-2
0	-1
1	-0.5
2	-0.25



Domain: $(-\infty, \infty)$
Range: $(-\infty, 0)$

6. $y = 4 \cdot (2)^x$

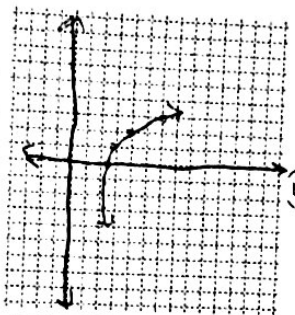
x	y
-2	1/4
-1	1/2
0	1
1	2
2	4



Domain: $(-\infty, \infty)$
Range: $(0, \infty)$

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

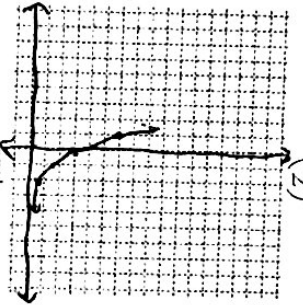
x	y
-3	1/4
-2	1/2
-1	1
0	2.5
1	4.25



Domain: $(-\infty, \infty)$
Range: $(2, \infty)$

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

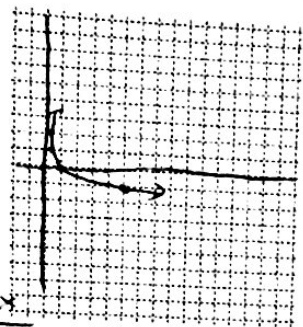
x	y
-2	12
-1	6
0	3
1	1.5
2	0.75



Domain: $(-\infty, \infty)$
Range: $(0, \infty)$

9. $y = 5^x$

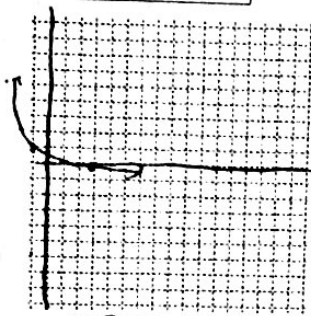
x	y
-2	1/25
-1	1/5
0	1
1	5
2	25



Domain: $(-\infty, \infty)$
Range: $(0, \infty)$

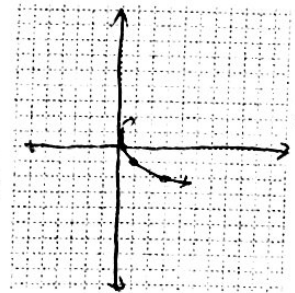
10. $y = 5^{x+1} - 2$

x	y
-3	-1.25
-2	-1.8
-1	-1
0	3
1	23



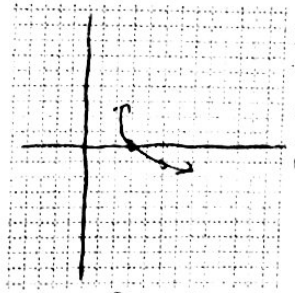
Domain: $(-\infty, \infty)$
Range: $(-2, \infty)$

1. $y = 3^{x-1}$



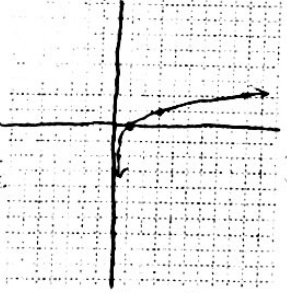
Domain: $(-\infty, \infty)$
Range: $(0, \infty)$

2. $y = 3^{x+2} + 2$



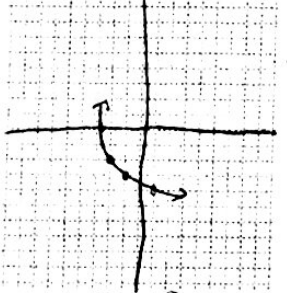
Domain: $(-\infty, \infty)$
Range: $(2, \infty)$

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



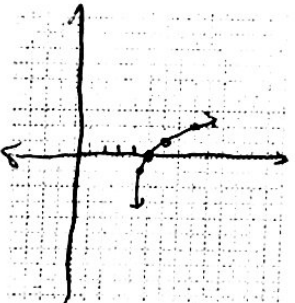
Domain: $(-\infty, \infty)$
Range: $(0, \infty)$

4. $y = 2^{x-2} - 3$



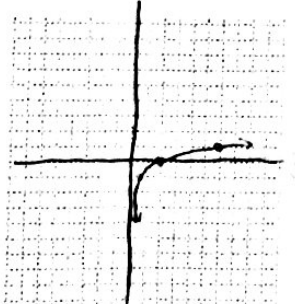
Domain: $(-\infty, \infty)$
Range: $(-3, \infty)$

5. $y = \left(\frac{1}{5}\right)^{x+4}$



Domain: $(-\infty, \infty)$
Range: $(0, \infty)$

6. $y = 2 \cdot e^{\left(\frac{1}{3}\right)^x}$



Domain: $(-\infty, \infty)$
Range: $(0, \infty)$