C12 - 7.4 - Exponent 2^x Reflections Graphs HW
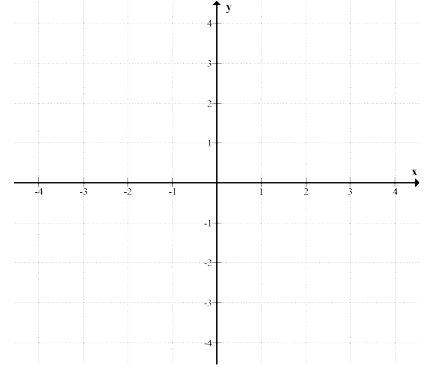
Draw the following graphs using a table of values.
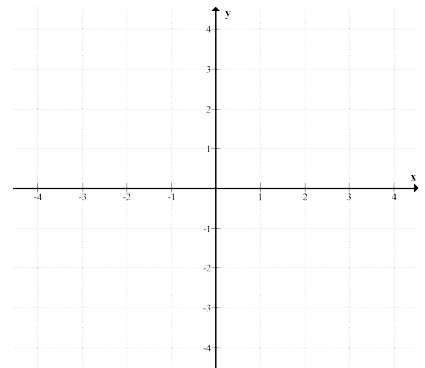
$y = 2^x$

x	y
−1	
0	
1	
2	

$y = 2^{-x}$

x	y
−2	
−1	
0	
1	

$y = -2^x$

x	y
−1	
0	
1	
2	

$y = -2^{-x}$

x	y
−2	
−1	
0	
1	

C12 - 7.4 - Exponent 3^x Reflections Graphs HW

Draw the following graphs using a table of values.

$y = 3^x$

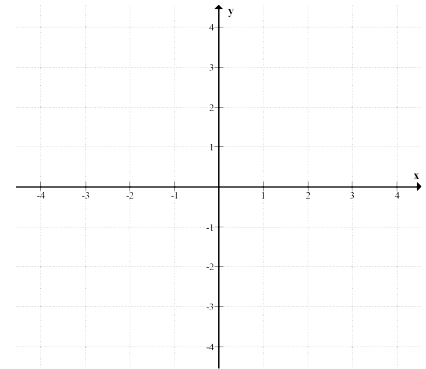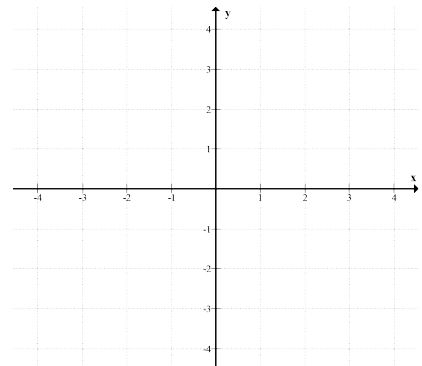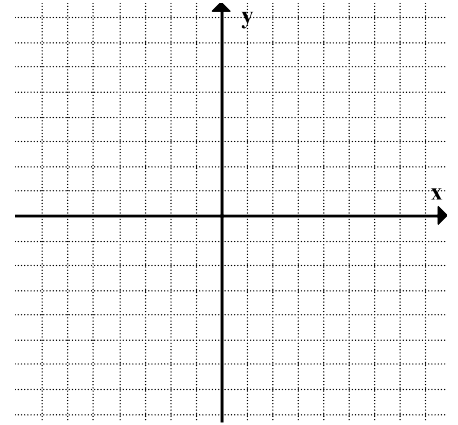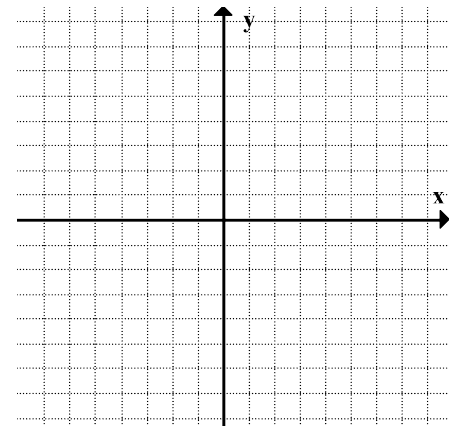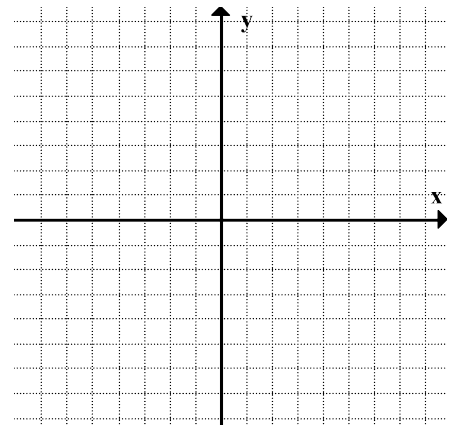| x	y
−1	
0	
1	
2	

$y = 3^{-x}$

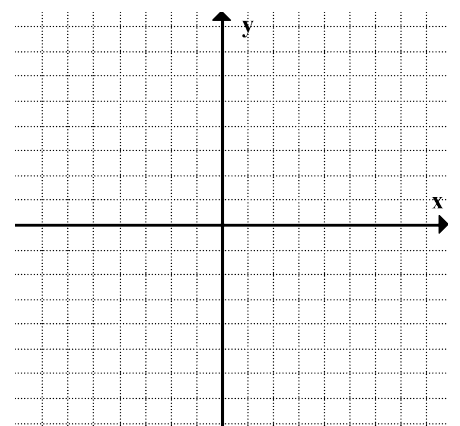| x	y
−2	
−1	
0	
1	

$y = -3^x$

x	y
−1	
0	
1	
2	

$y = -3^{-x}$

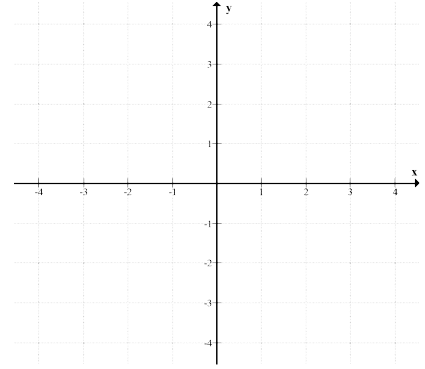| x	y
−2	
−1	
0	
1	

C12 - 7.4 - 2^x Translations Reflections Graphs HW
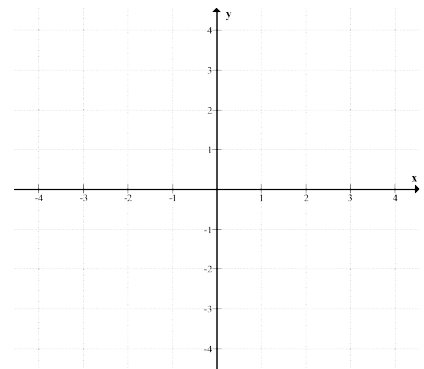
Draw the following graphs using a table of values.

$y = 2^x + 1$
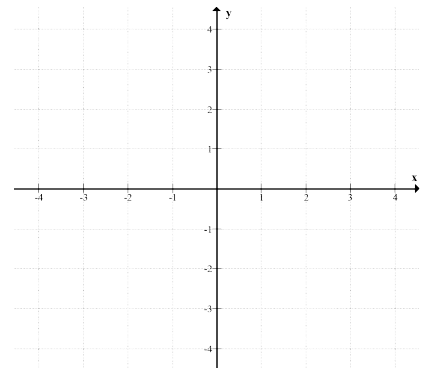
x	y
-1	
0	
1	
2	

$y = 2^{-x} - 2$

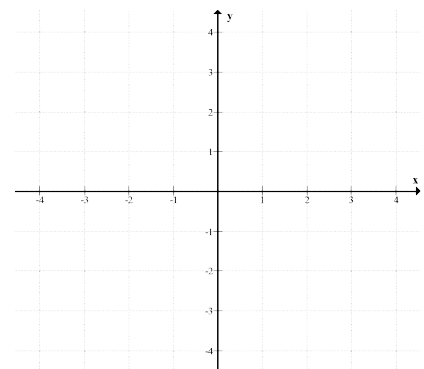| x	y
-2	
-1	
0	
1	

$y = -2^{x+1}$

x	y
-1	
0	
1	
2	

$y = 2^{-x+2} - 2$

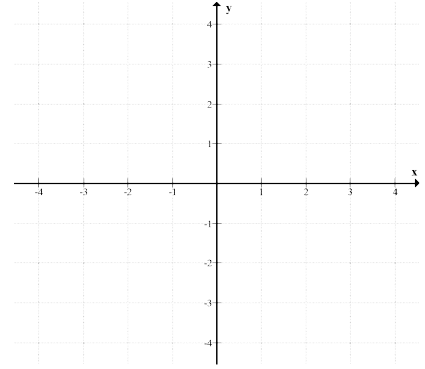| x	y
-2	
-1	
0	
1	

C12 - 7.4 - 2^x Tramsformations Graphs HW

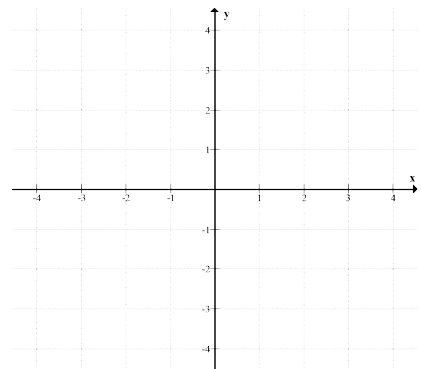Draw the following graphs using a table of values.

$y = 2(2)^x$

x	y
−1	
0	
1	
2	

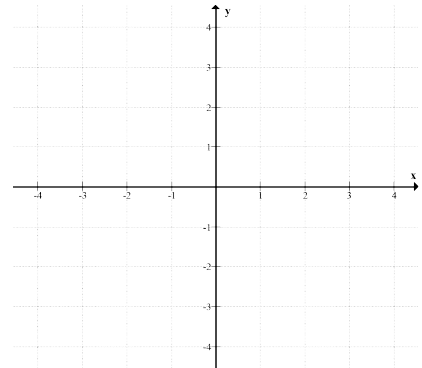$y = 2^{2x}$

x	y
−2	
−1	
0	
1	

$y = 2^{2x+4}$

x	y
−1	
0	
1	
2	

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

x	y
−2	
−1	
0	
1	