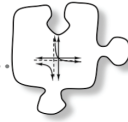


CW# _____

Name: _____

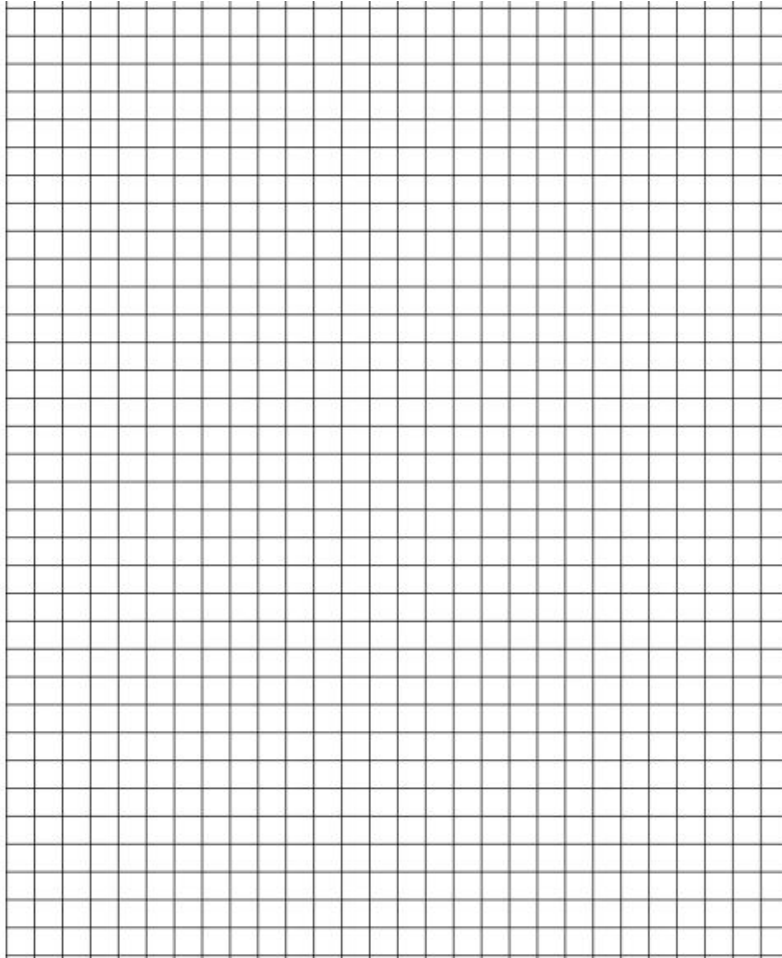
2.2.1 How can I transform any graph?

.....
Transforming Other Parent Graphs



#26

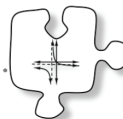
Make a complete graph for $y = x^3$



Graph description:

2.2.1 How can I transform any graph?

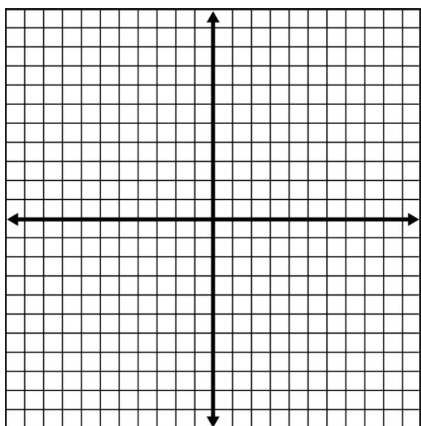
Transforming Other Parent Graphs



Complete a table, graph and description for each transformation

$y = (x - 2)^3$

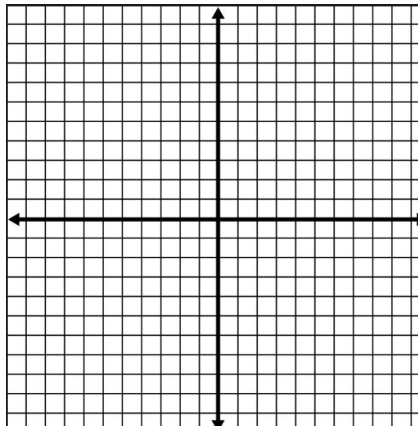
x					
y					



Describe the transformation:

$y = x^3 + 2$

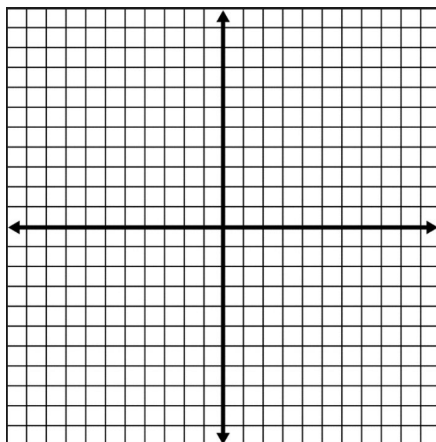
x					
y					



Describe the transformation:

$y = 2x^3$

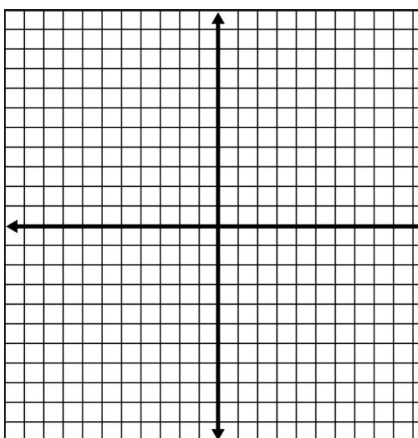
x					
y					



Describe the transformation:

$y = -\frac{1}{2}x^3$

x					
y					



Describe the transformation:

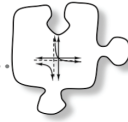
Use parameters a , h and k to write the equation in graphing form:

CW# _____

Name: _____

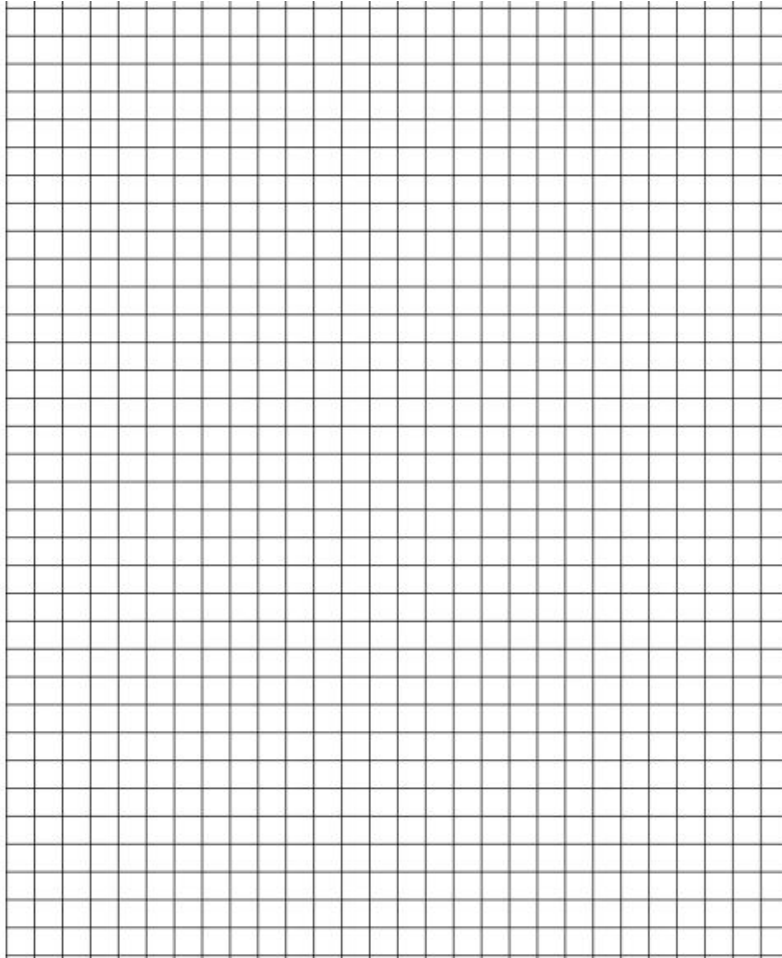
2.2.1 How can I transform any graph?

.....
Transforming Other Parent Graphs



#26

Make a complete graph for $y = |x|$



Graph description:

2.2.1 How can I transform any graph?

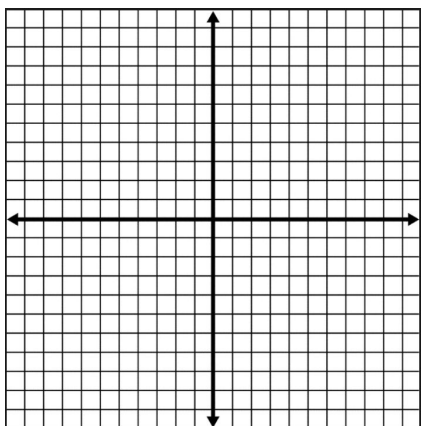
Transforming Other Parent Graphs



Complete a table, graph and description for each transformation

$y = |x + 2|$

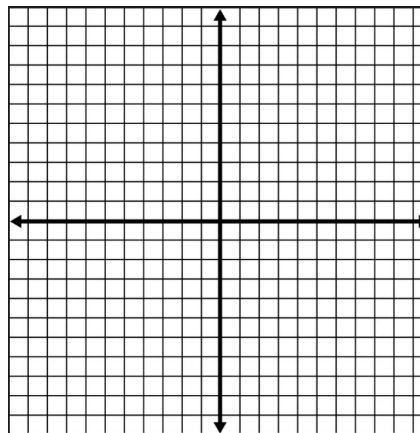
x					
y					



Describe the transformation:

$y = |x| - 2$

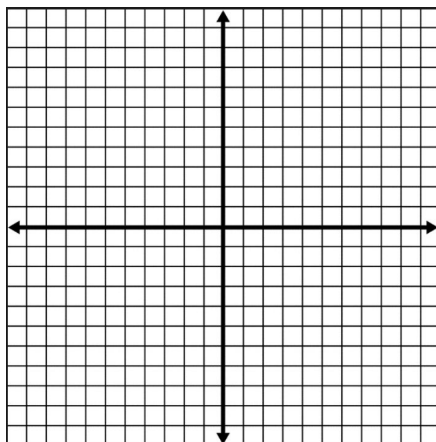
x					
y					



Describe the transformation:

$y = \frac{1}{2} |x|$

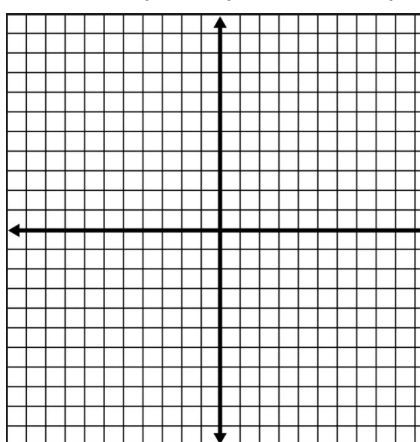
x					
y					



Describe the transformation:

$y = -2 |x|$

x					
y					



Describe the transformation:

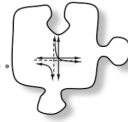
Use parameters a , h and k to write the equation in graphing form:

CW# _____

Name: _____

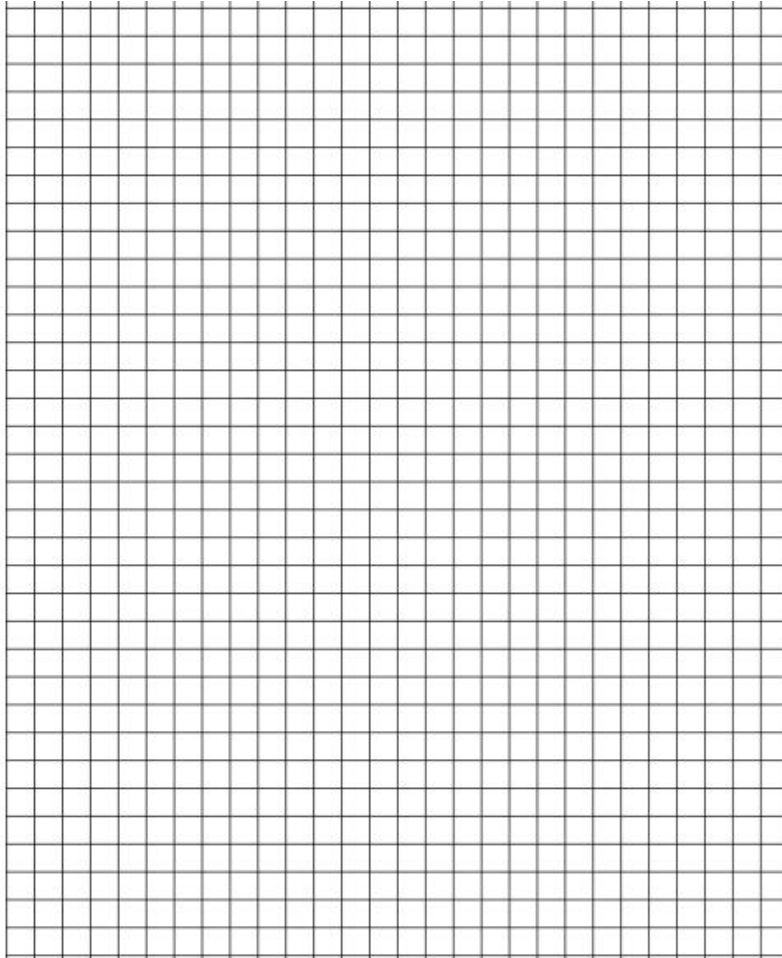
2.2.1 How can I transform any graph?

.....
Transforming Other Parent Graphs



#26

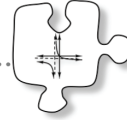
Make a complete graph for $y = \sqrt{x}$



Graph description:

2.2.1 How can I transform any graph?

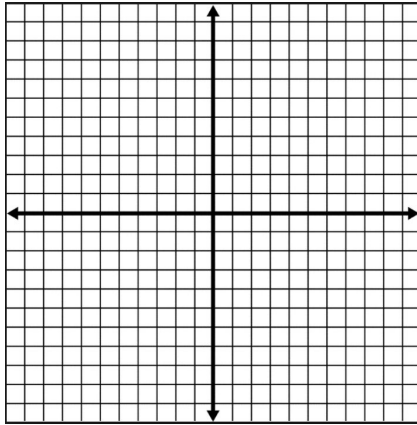
Transforming Other Parent Graphs



Complete a table, graph and description for each transformation

$y = \sqrt{x+3}$

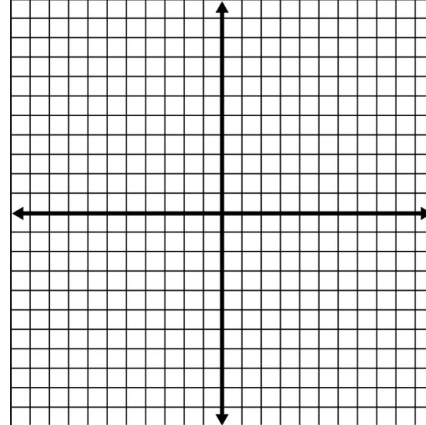
x					
y					



Describe the transformation:

$y = \sqrt{x} + 3$

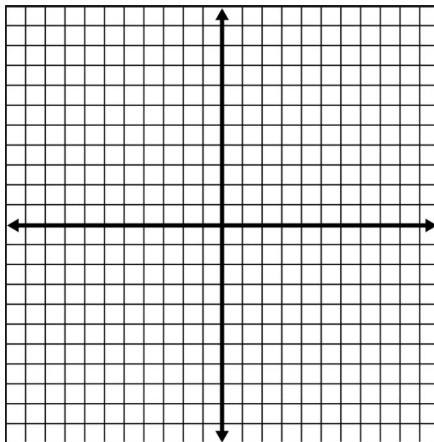
x					
y					



Describe the transformation:

$y = 3\sqrt{x}$

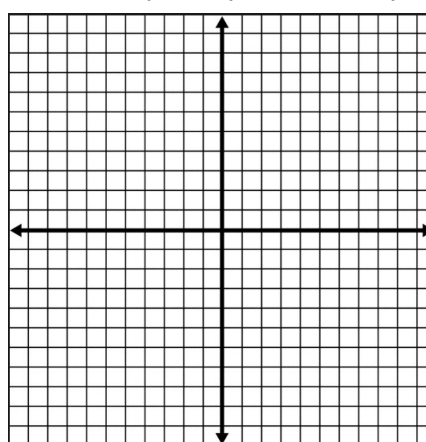
x					
y					



Describe the transformation:

$y = -\sqrt{x}$

x					
y					



Describe the transformation:

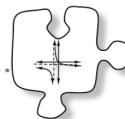
Use parameters a , h and k to write the equation in graphing form:

CW# _____

Name: _____

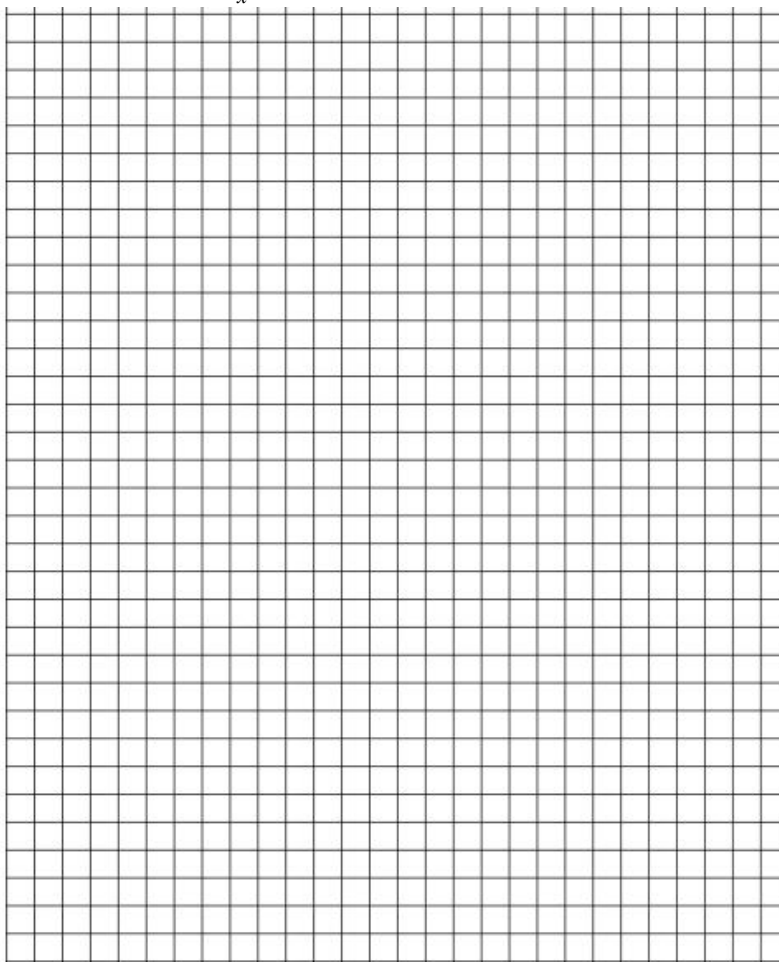
2.2.1 How can I transform any graph?

.....
Transforming Other Parent Graphs



#26

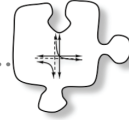
Make a complete graph for $y = \frac{1}{x}$



Graph description:

2.2.1 How can I transform any graph?

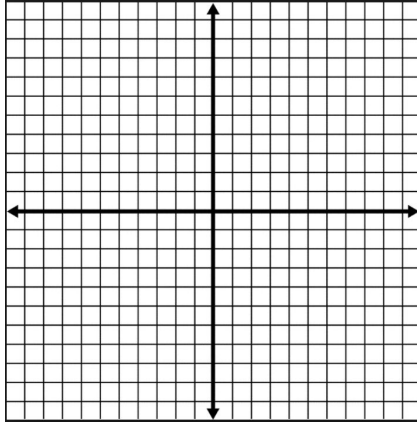
Transforming Other Parent Graphs



Complete a table, graph and description for each transformation

$$y = \frac{1}{x-3}$$

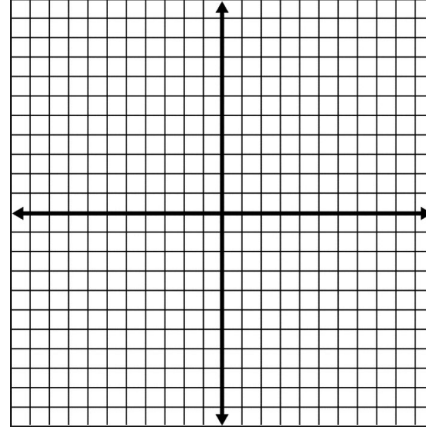
x					
y					



Describe the transformation:

$$y = \frac{1}{x} - 3$$

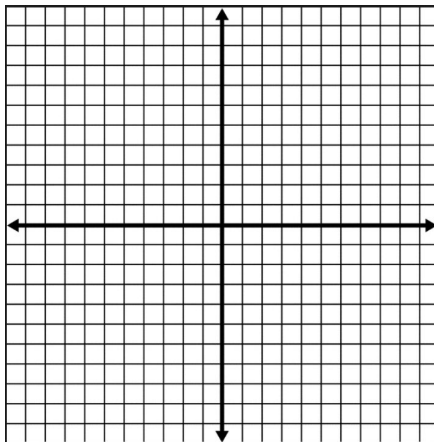
x					
y					



Describe the transformation:

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

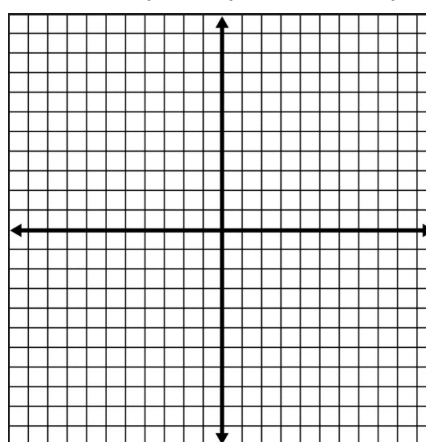
x					
y					



Describe the transformation:

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

x					
y					



Describe the transformation:

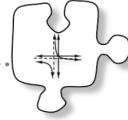
Use parameters a , h and k to write the equation in graphing form:

CW# _____

Name: _____

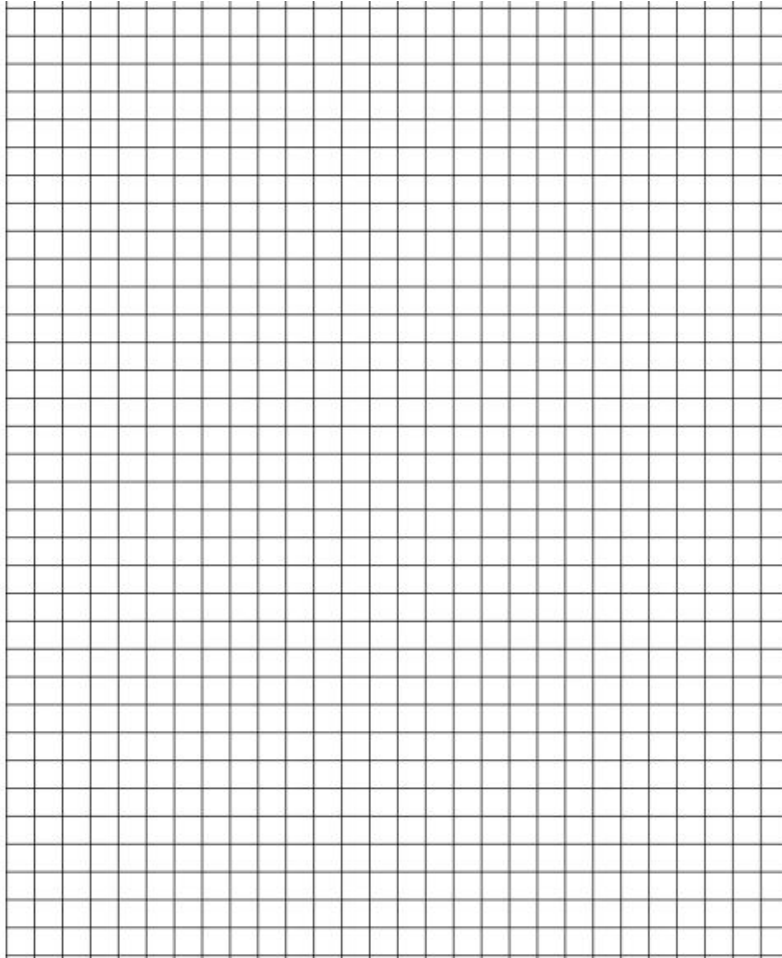
2.2.1 How can I transform any graph?

.....
Transforming Other Parent Graphs



#26

Make a complete graph for $y = 2^x$



Graph description:

2.2.1 How can I transform any graph?

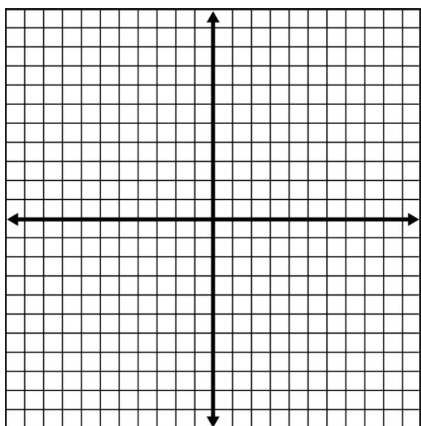
Transforming Other Parent Graphs



Complete a table, graph and description for each transformation

$y = 2^{(x+3)}$

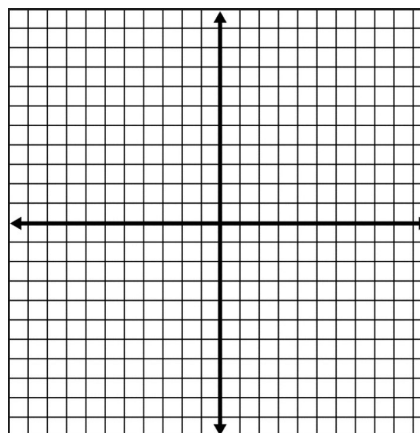
x					
y					



Describe the transformation:

$y = 2^x - 4$

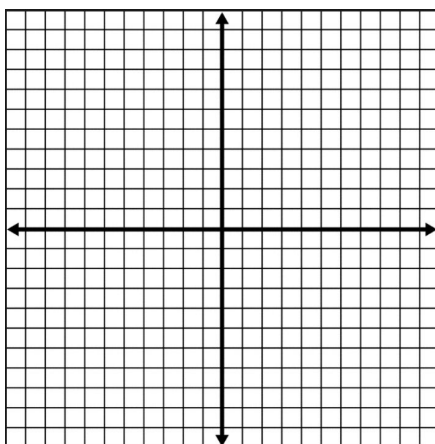
x					
y					



Describe the transformation:

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

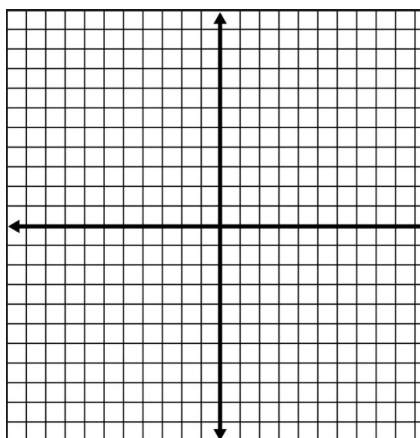
x					
y					



Describe the transformation:

$y = -(2^x)$

x					
y					



Describe the transformation:

Use parameters a , h and k to write the equation in graphing form:

CW# _____

Name: _____

2.2.1 How can I transform any graph?

.....
Transforming Other Parent Graphs

