

NAME:

DATE:

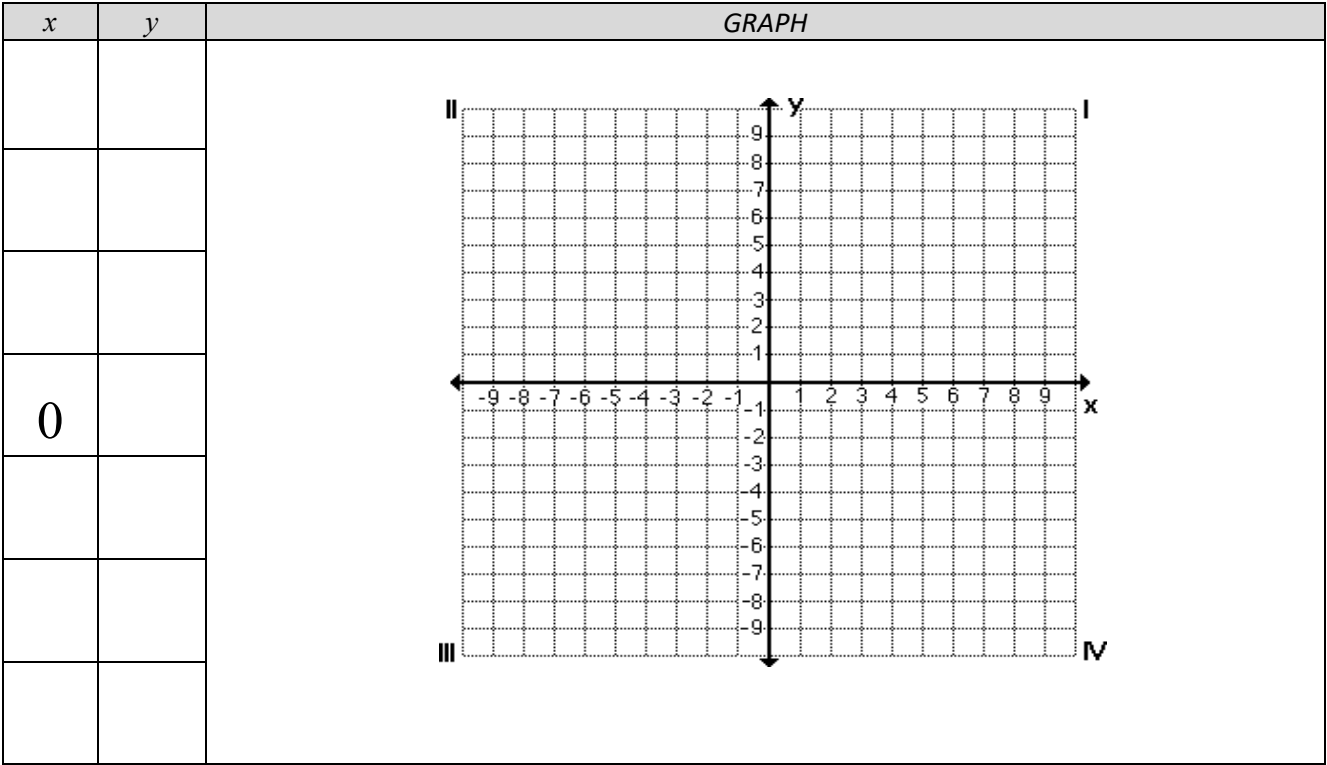
NOTES

TRANFORMATIONS OF THE PARENT ABSOLTE VALUE FUNCTION

NO CALCULATORS

PARENT: $f(x)=|x|$

TABLE OF VALUES AND GRAPH:



VERTEX:

SLOPE RATIO:

PARENT: $f(x) = |x|$

1. NEW FUNCTION:

Horizontal Translation:

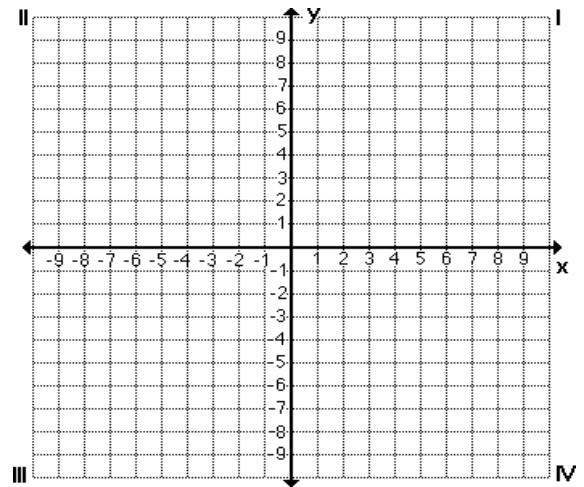
Dilation:

Slope Ratio:

Reflection:

Vertical Translation:

Vertex:



2. NEW FUNCTION:

Horizontal Translation:

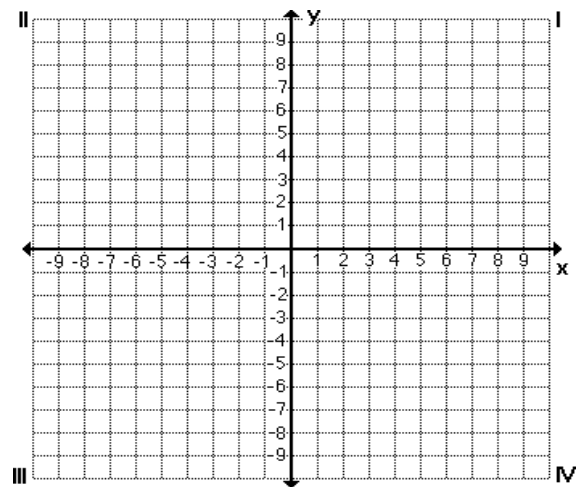
Dilation:

Slope Ratio:

Reflection:

Vertical Translation:

Vertex:



3. NEW FUNCTION:

Horizontal Translation:

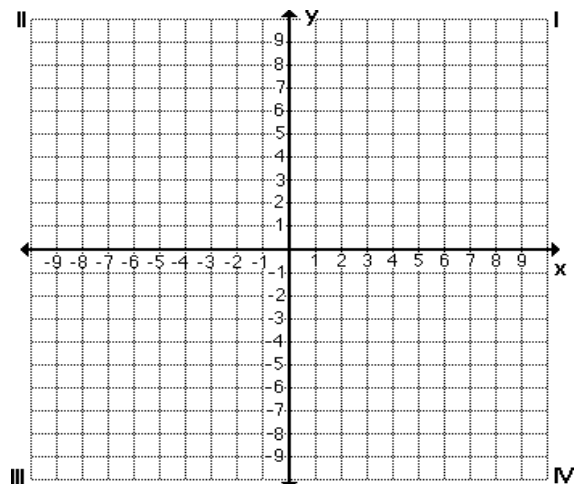
Dilation:

Slope Ratio:

Reflection:

Vertical Translation:

Vertex:



PARENT: $f(x) = |x|$

4. NEW FUNCTION:

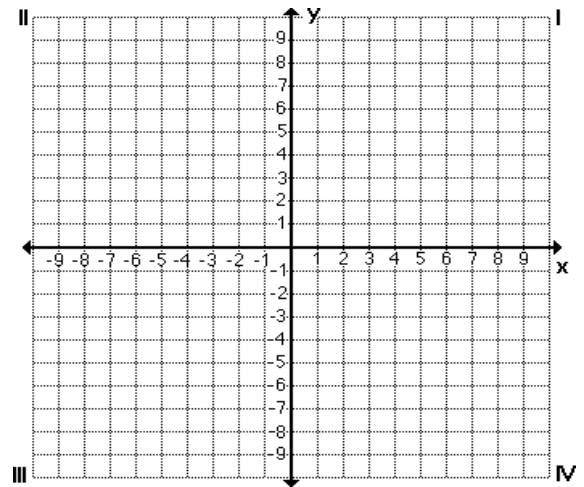
Horizontal Translation:

Dilation: Slope Ratio:

Reflection:

Vertical Translation:

Vertex:



5. NEW FUNCTION:

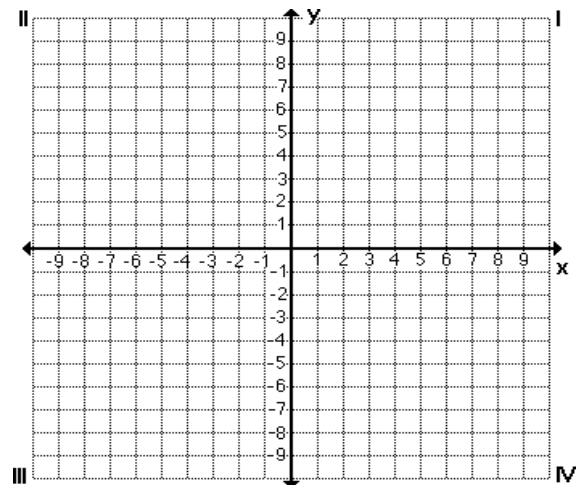
Horizontal Translation:

Dilation: Slope Ratio:

Reflection:

Vertical Translation:

Vertex:



6. NEW FUNCTION:

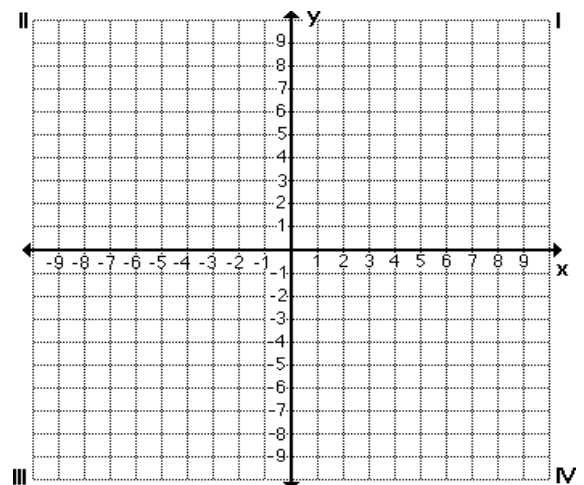
Horizontal Translation:

Dilation: Slope Ratio:

Reflection:

Vertical Translation:

Vertex:



PARENT: $f(x) = |x|$

7. NEW FUNCTION:

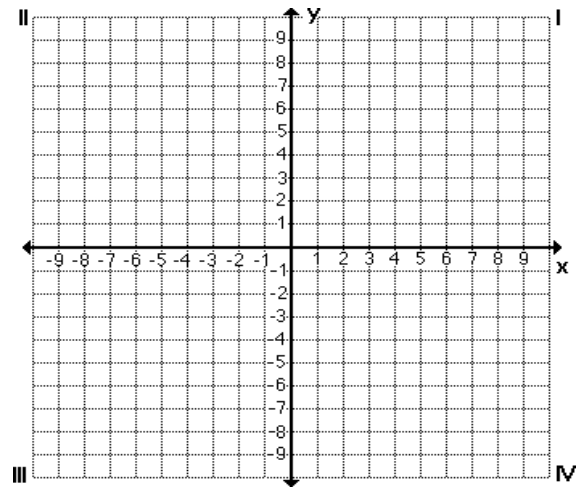
Horizontal Translation:

Dilation: Slope Ratio:

Reflection:

Vertical Translation:

Vertex:



8. NEW FUNCTION:

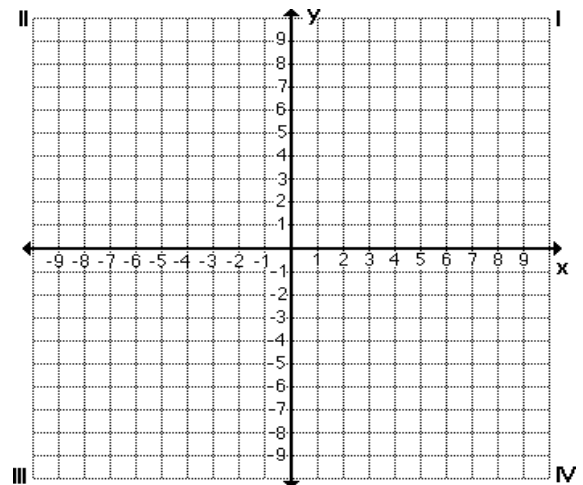
Horizontal Translation:

Dilation: Slope Ratio:

Reflection:

Vertical Translation:

Vertex:



9. NEW FUNCTION:

Horizontal Translation:

Dilation: Slope Ratio:

Reflection:

Vertical Translation:

Vertex:

