

NAME:

DATE:

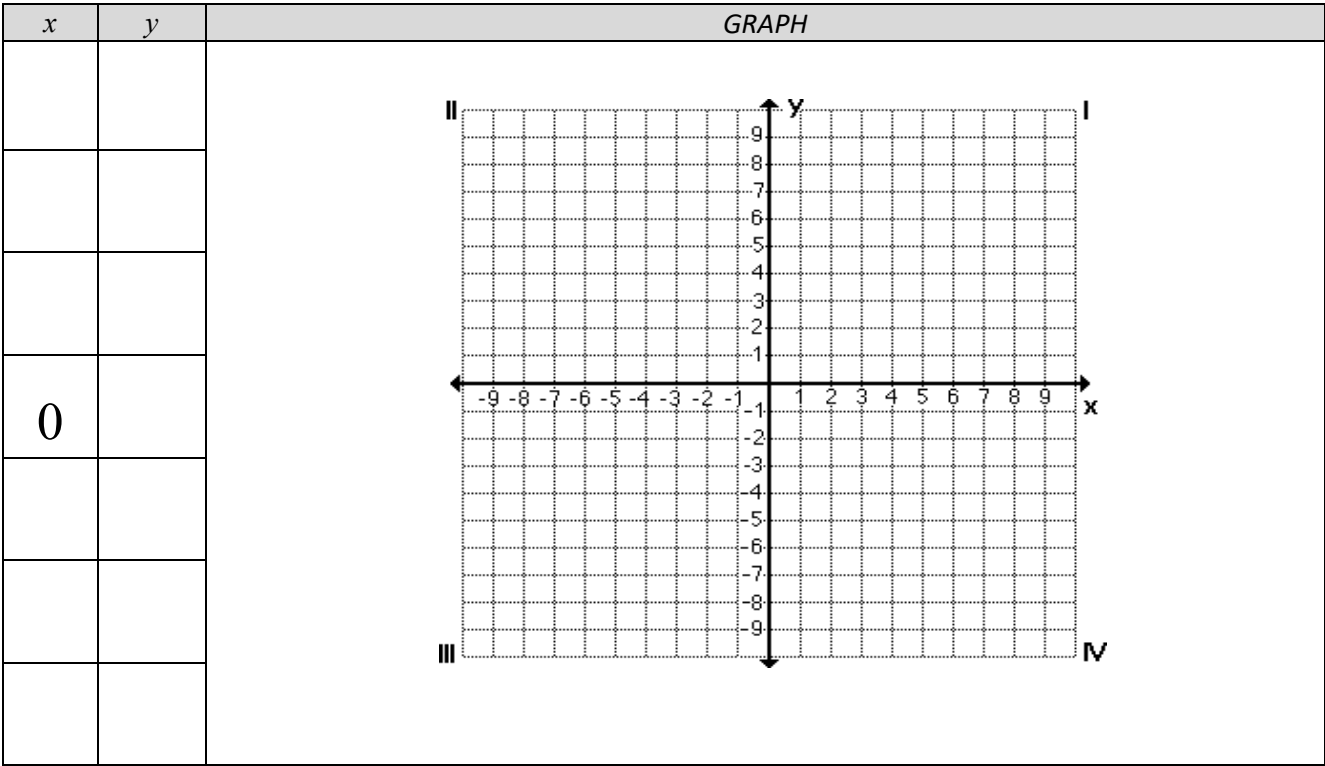
NOTES

TRANFORMATIONS OF THE PARENT QUADRATIC FUNCTION

NO CALCULATORS

PARENT: $f(x) = x^2$

TABLE OF VALUES AND GRAPH:



VERTEX:

Y-INT:

AXIS OF SYMMETRY:

ZERO(S):

1. NEW FUNCTION:

Horizontal Translation:

Reflection:

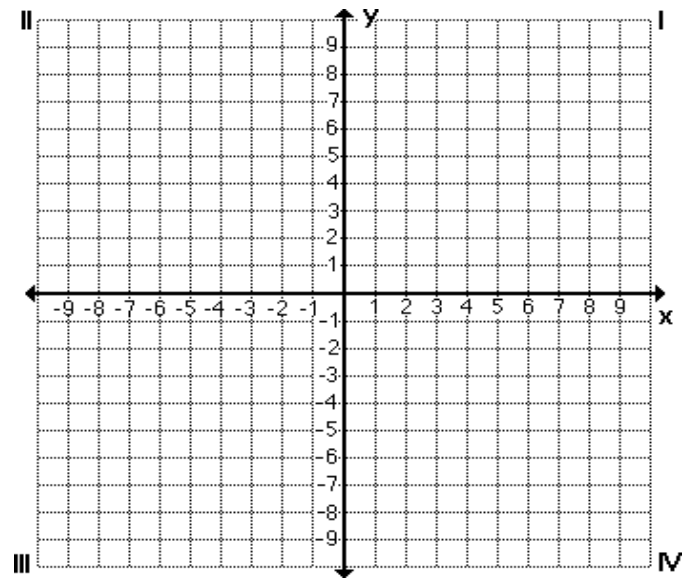
Vertical Translation:

VETEX:

Y-INT:

ZERO(S):

AXIS OF SYMMETRY:



2. NEW FUNCTION:

Horizontal Translation:

Reflection:

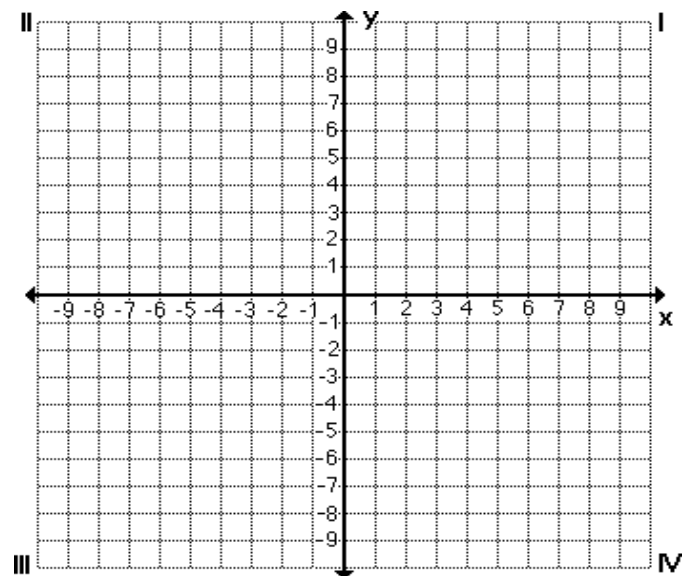
Vertical Translation:

VETEX:

Y-INT:

ZERO(S):

AXIS OF SYMMETRY:



3. NEW FUNCTION:

Horizontal Translation:

Reflection:

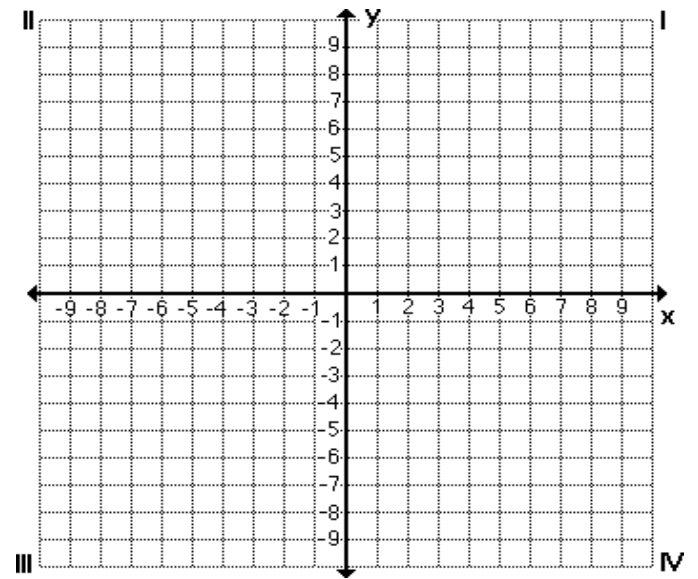
Vertical Translation:

VETEX:

Y-INT:

ZERO(S):

AXIS OF SYMMETRY:



4. NEW FUNCTION:

Horizontal Translation:

Reflection:

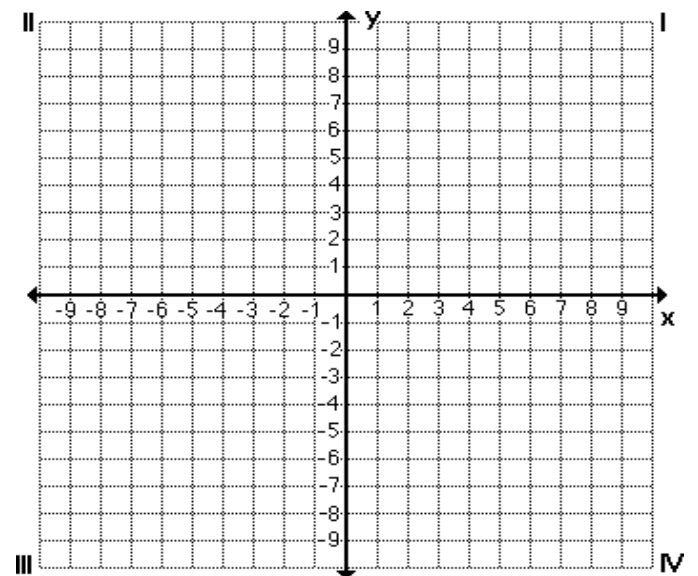
Vertical Translation:

VETEX:

Y-INT:

ZERO(S):

AXIS OF SYMMETRY:



5. NEW FUNCTION:

Horizontal Translation:

Reflection:

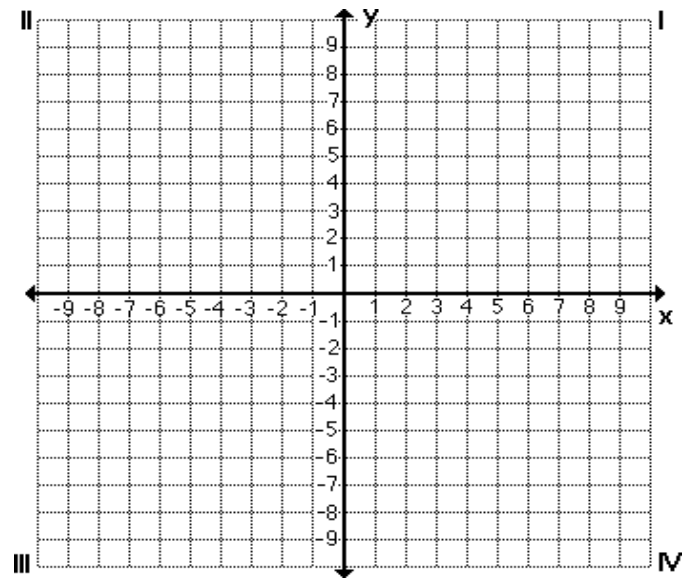
Vertical Translation:

VETEX:

Y-INT:

ZERO(S):

AXIS OF SYMMETRY:



6. NEW FUNCTION:

Horizontal Translation:

Reflection:

Vertical Translation:

VETEX:

Y-INT:

ZERO(S):

AXIS OF SYMMETRY:

