

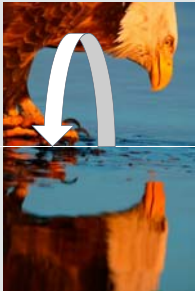
MasterMath

NUMBER SENSE

Transformations Part 2



Reflection



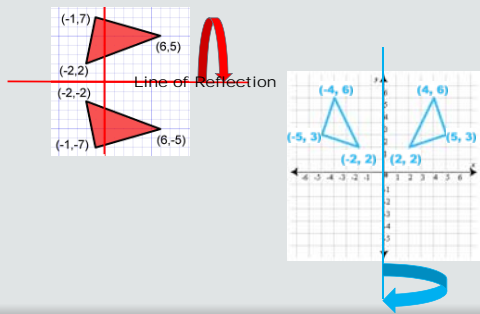
Rotation



Transformations Part 2



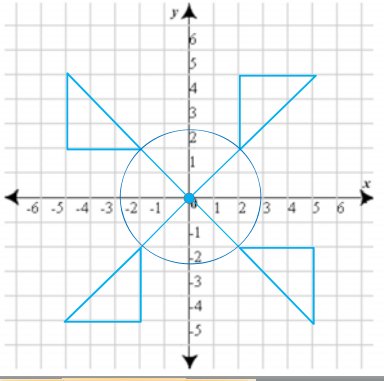
Reflection



Transformations Part 2



Rotation



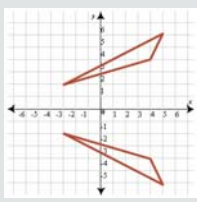
Transformations Part 2

You try it!

Find the new coordinates, A', B' and C', after reflecting this figure in the x axis: A(5, 6), B(-3, 2), and C(4, 4).

If we reflect a figure in the x axis, the signs of the y coordinate will change:

A(5, 6) → A'(5, -6)
B(-3, 2) → B'(-3, -2)
C(4, 4) → C'(4, -4)



Transformations Part 2

You try it!

Reflect these letters:



Transformations Part 2

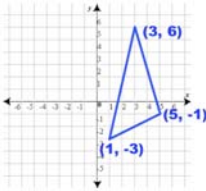
You try it!
Reflect these letters:

HTAH

MATH

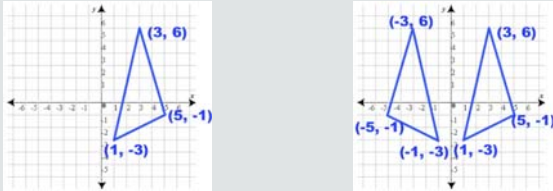
Transformations Part 2

You try it!
Reflect this figure in the y axis



Transformations Part 2

You try it!
Reflect this figure in the y axis



When we reflect a figure in the y axis, the signs of the x coordinates change:

Transformations Part 2

You try it!
What two transformations were used to convert Figure 1 into Figure 2:

Transformations Part 2

You try it!
What two transformations were used to convert Figure 1 into Figure 2:

Transformations Part 2

You try it!

Now, try it on your own. Go to www.MasterMath.info download Transformations Part 2 from the Worksheets Page, and test your skill. Then see how much you understand by taking the Subject Quiz.

Transformations Part 2
