

Good morning Happy Wednesday!

Agenda: Homeroom Schedule today

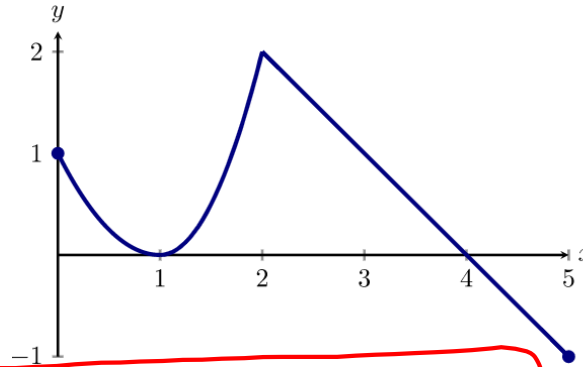
-Warm UP

-Transform functions

-Quiz on Friday: Transformations  
domain and range

Warm Up:

1) State the domain and range of the graph  $h(x)$  seen on the right



$(0, 1)$   $(1, 0)$   $(2, 2)$   $(5, -1)$

2) Graph the following transformations

(multiply  $y$ s by 3)

a)  $h(x+1)-2$

• Left 1  
• down 2

b)  $3h(x)$

Vertical stretch by 3.

c)  $-1/2h(x)$

• reflection over  $x$ -axis  
• vertical compress

$$\textcircled{4} \quad g(x) = \frac{-1}{x+6} + 2$$