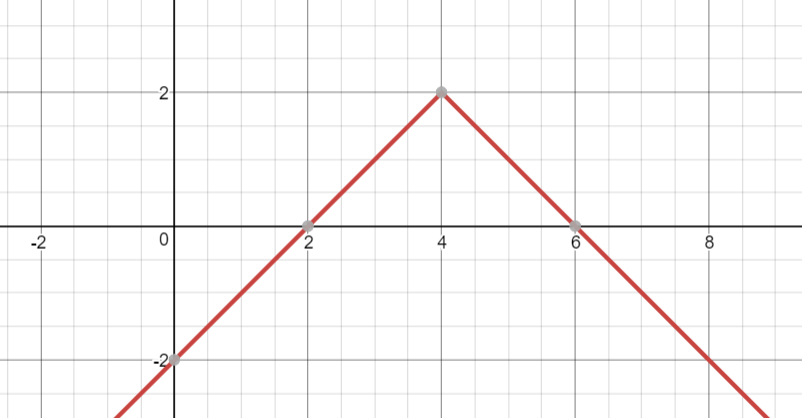
Complete all questions on this sheet for credit. Show work in order to receive credit.

1. Find the domain:

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write an equation for the graph pictured below:



Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Given the functions: and , find and completely simplify .

Composition: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. For the function *f* given by , find .

: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_