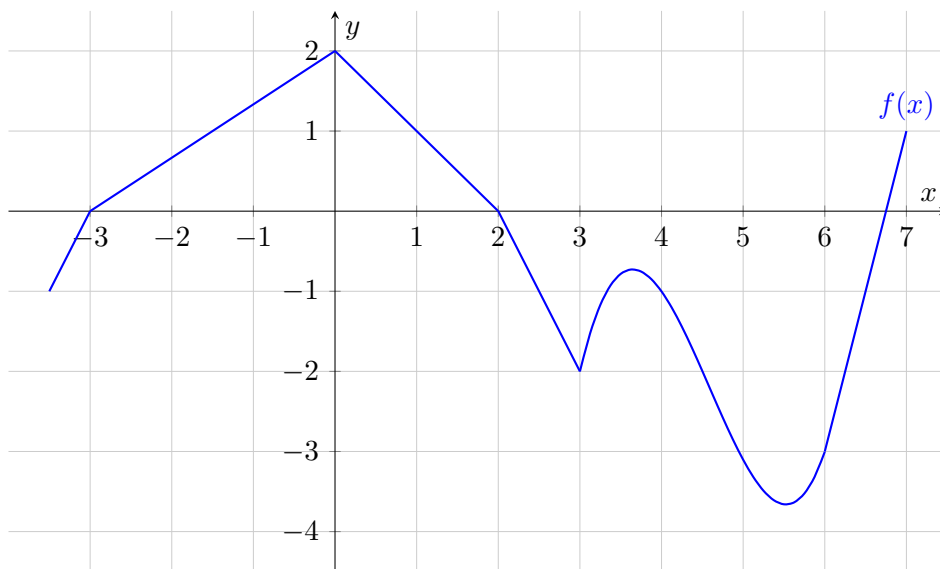


## Quiz

**Directions:** Carefully read each question below and answer to the best of your ability in the space provided. You **MUST** show your work to receive full credit!

1. (5 points) Given the graph  $y = f(x)$  below, if  $\int_3^6 f(x)dx = A$ , write the integral  $\int_1^6 2f(x)dx$  in terms of A.



2. (5 points) Suppose  $\int_0^9 f(x) dx = -3$ ,  $\int_4^9 f(x) dx = 1$ . Find  $\int_4^0 (f(x) - 1) dx$ .

Name: \_\_\_\_\_

Section (circle one):            021            022            023            024

Question:	1	2	Total
Points:	5	5	10
Score:			