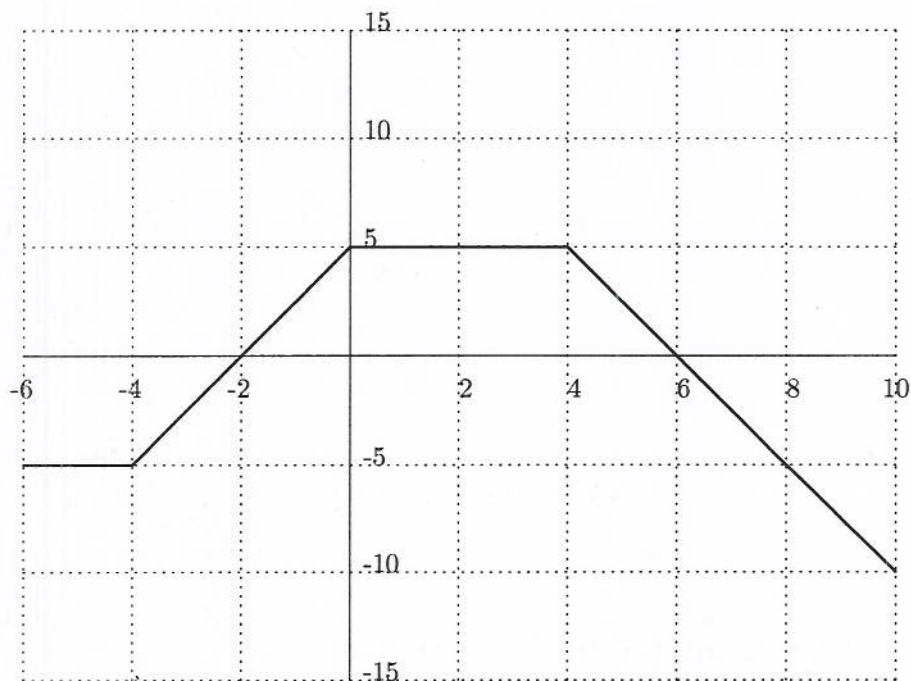


# Mathematics 122

Quiz #29

Name: Rex

*You must show your work to get full credit.*



$$1 \text{ box} \\ = 2 \times 5 = 10$$

For the function  $y = f(x)$  pictured above compute the following:

1 pt (1)  $\int_0^6 f(x) dx = (2.5) \text{ boxes} = 25$  25

2 pts (2)  $\int_{-6}^{-4} f(x) dx = -1 \text{ box} = -10$  -10

2 pts (3)  $\int_{-2}^{10} dx = (43 - 2) \text{ boxes} = 10$  10