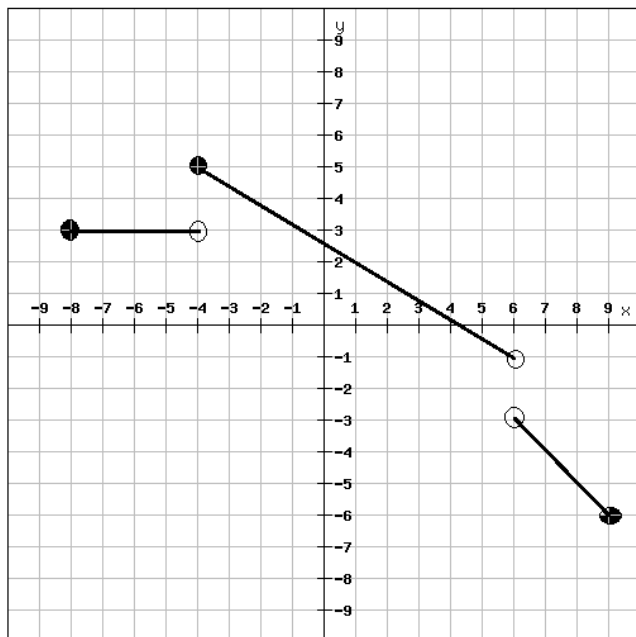


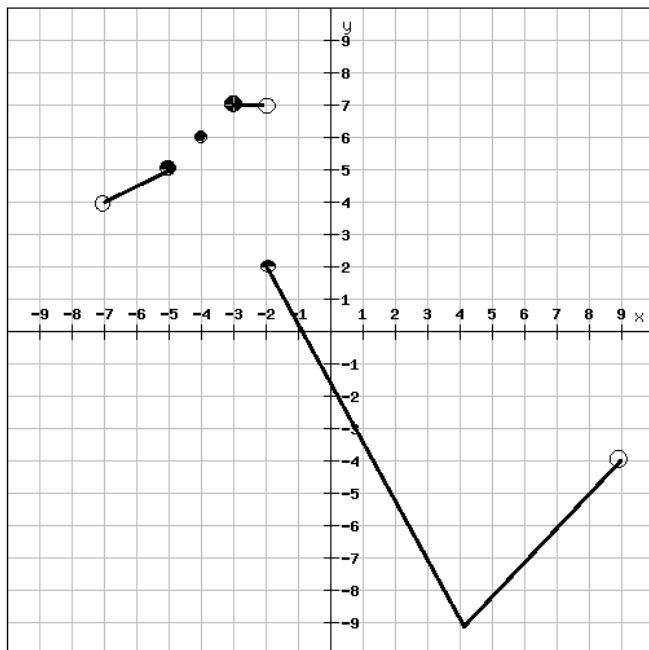
Name: _____

MATH IB

1. (40%) Find the Domain and range



Domain: _____ Range: _____



Domain: _____ Range: _____

2. (60%) Given the following

a. (5%) Write down the observed domain:

b. (7%) Write down the observed range:

c. (8%) $T(t) = 0$, $t =$ _____

d. (5%) $T(1) =$ _____

e. (10%) $T(-3.4) =$ _____ $= T(_)$

f. (5%) $T(-1.1) < T(-1)$ True/False

g. (5%) Write down one interval in which the function is increasing _____

h. (5%) Write down two points in which the function is stationary: _____

i. (10%) Write down the values of t for which $f(t) < 0$

