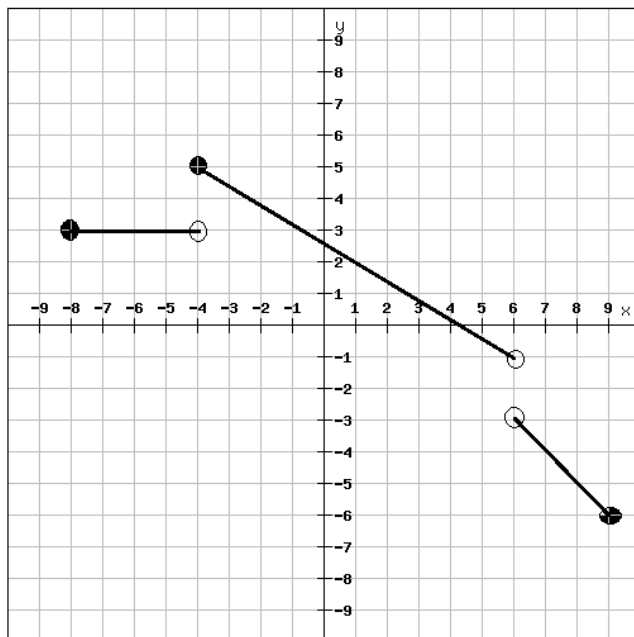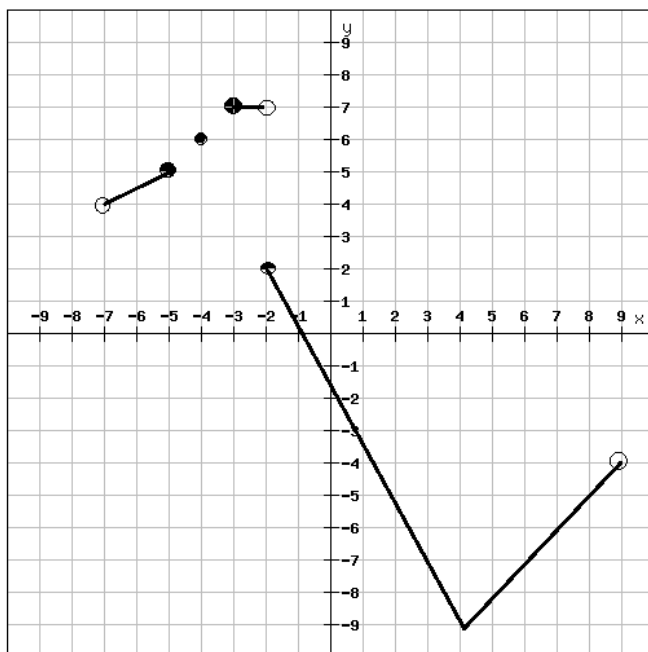Name:

QUIZ 12 – MATH IB HL

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 <u>one</u> 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 $f(t) < 0$