Coordinate Plane, Functions, Domain and Range Homework

1. In what quadrant are the following points located.
   a) (-6,3) ______________________
   b) (7,-10) ______________________
   c) (-4,-4) ______________________
   d) (-18,5) ______________________

2. Determine whether each of the relations below are a function or not. Then, using proper set notation, state the domain and range. If necessary, draw a mapping diagram on the back side of this sheet of paper.
   A) {(1,9), (8,1), (7,5), (8,5)}
      Function?
      Domain: ______________________
      Range: ______________________
   B) {(a,a), (b,a), (c,a), (d,a)}
      Function?
      Domain: ______________________
      Range: ______________________
   C) {(1,2), (3,4), (5,6), (7,8), (9,13)}
      Function?
      Domain: ______________________
      Range: ______________________
   D) {(7,1), (10,7), (0,8), (2,17), (7,3)}
      Function?
      Domain: ______________________
      Range: ______________________
   E) {(1,1), (1/2, 2), (1/3, 3), (1/4, 4)}
      Function?
      Domain: ______________________
      Range: ______________________
   F) {(4,2), (9,3), (4,-2), (9,-3)}
      Function?
      Domain: ______________________
      Range: ______________________
Function?

Domain:

Range:

Function?

Domain:

Range:

Function?

Domain:

Range: