Shepherd
UNIVERSITY
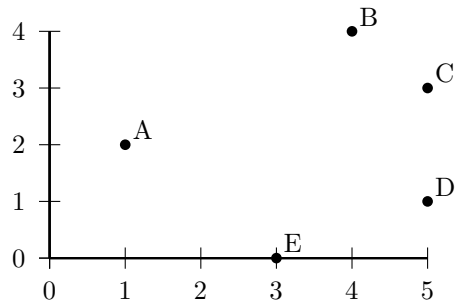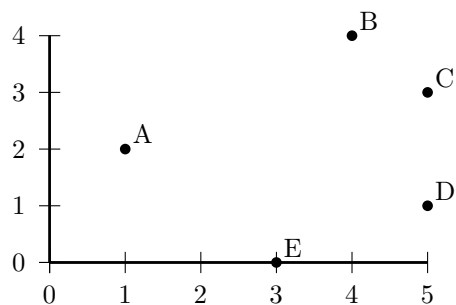
1 page 111. For the figure at right, write down the x and y-coordinates of each point.

2. Write down the equation of the line through A and C.

3. Write down the equation of the line through A and E.

4. Sketch the line $4\,y = x + 7$.

#10 p. 106. A large, representative sample of Americans was studied by the Public Health Service in the Health and Nutrition Examinaiton Survey (HANES2). The percentage of respondents who were left-handed decreased steadily with age, from 10% at 20 years to 4% at 70.

a) Sketch a possible histogram of the data.

b) "The data show that many people change from left-handed to right-handed as they get older." True or false? Why? If false, how do you explain the pattern in the data?

#3 p. 105. A personality test is administered to a large group of subjects. Five scores are shown below, in original units and standard units. Fill in the blanks.

79	64	52	72	____
1.8	0.8	____	____	−1.4