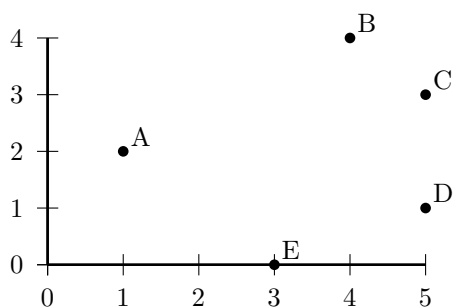




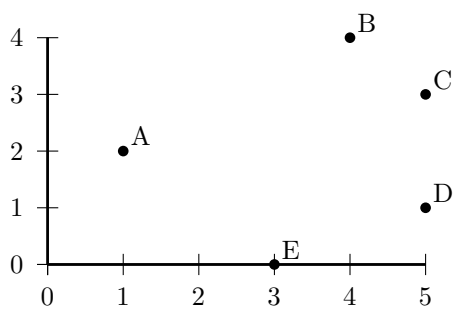
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2. Write down the equation of the line through A and C.
3. Write down the equation of the line through A and E.
4. Sketch the line $4y = x + 7$.

Math 207
Introduction to Statistics



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Math 207
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5. 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?

6. 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.

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1.8	0.8	_____	_____	−1.4

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