Exam

Today

Name:	ID number:	Number of points:	MED551

1 [5] The median value of the following data 33, 3, 7, 15, 107, 1, 41 is

   (a) cannot be calculated

   (b) 29.6

   (c) 16

   (d) 15

2 [15] A genetically modified mouse does not survive the first month of life with probability 0.40.

   (a) We planned an experiment that included 10 mice. What is the probability that after a month not more than a mouse will survive?

   (b) What is the expected number of mice still alive after the first month?

3 [15] What is the probability of obtaining exactly 2 tails if we toss a fair coin 2 times?

4 [15] Data for variable nn are represented graphically.
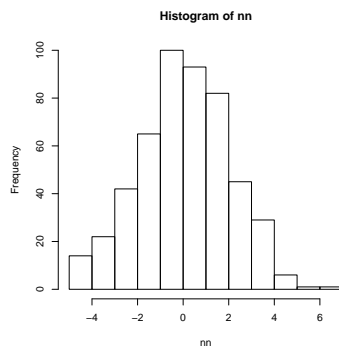
   (a) Is mean -3, 0 or 3?
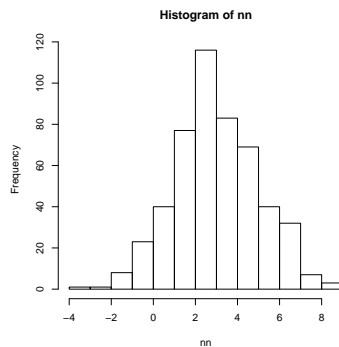
   (b) Is standard deviation 1, 2 or 4?

Exam

Today

Name:	ID number:	Number of points:	MED462

1 [5] The median value of the following data 33, 3, 7, 15, 107, 1, 41 is

  (a) cannot be calculated
  (b) 16
  (c) 29.6
  (d) 15

2 [15] Data for variable nn are represented graphically.

  (a) Is standard deviation 1, 2 or 4?

  (b) Is mean -3, 0 or 3?

3 [10] Calculate the mean of the following data: 5,-1,-2,-1

  (a) 1.25
  (b) does not exist
  (c) -1
  (d) 0.25

4 [15] What is the probability of obtaining exactly 7 tails if we toss a fair coin 8 times?

5 [0] NA

6 [5] Which of the following is a measure of central tendency?

  (a) mode
  (b) median
  (c) mean
  (d) variance
  (e) coefficient of correlation
  (f) standard deviation
  (g) frequency
  (h) range