Data Displays

Fill in the tables below, then use Pyret to make the following displays. Record the code you used.

The first column has been filled in for you.

1) A `pie-chart` showing the `species` of animals from the shelter.

Which Rows?	Which Column(s)?	What Display?
All the animals	species	pie chart

code: `pie-chart(animals-table, "species")`

2) A `bar-chart` showing the `sex` of animals from the shelter.

Which Rows?	Which Column(s)?	What Display?
All the animals	sex	bar chart

code: `bar-chart(animals-table, "sex")`

3) A `histogram` of the number of `pounds` that animals weigh.

Which Rows?	Which Column(s)?	What Display?
All the animals	pounds	histogram

code: `histogram(animals-table, "pounds", 10)`

4) A `box-plot` of the number of `pounds` that animals weigh.

Which Rows?	Which Column(s)?	What Display?
All the animals	pounds	box plot

code: `box-plot(animals-table, "pounds")`

5) A `scatter-plot`, using the animals' `species` as the labels, `age` as the x-axis, and `pounds` as the y-axis.

Which Rows?	Which Column(s)?	What Display?
All the animals	species, age and pounds	scatter plot

code: `scatter-plot(animals-table, "species", "age", "pounds")`

6) A `scatterplot`, using the animals' `name` as the labels, `pounds` as the x-axis, and `weeks` as the y-axis.

Which Rows?	Which Column(s)?	What Display?
All the animals	name, pounds and weeks	scatter plot

code: `scatter-plot(animals-table, "name", "pounds", "weeks")`