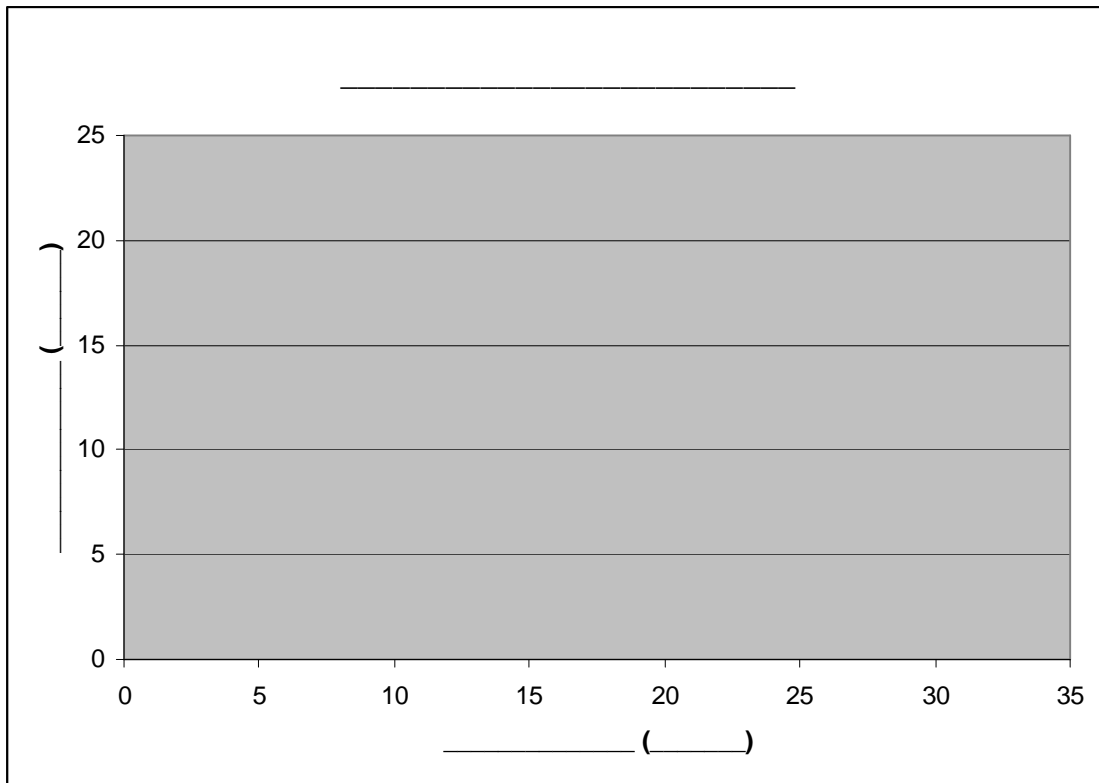


Homework 3

Work each problem below. For 20 bonus points, complete the assignment using a computer program such as Microsoft Excel or Open Office Calc. Alternatively, you may complete the assignment on this paper.

1. Graph the information in the following table which shows the speed of a running dog on an (x, y) plane. Label the axes with words and units and title the graph appropriately.

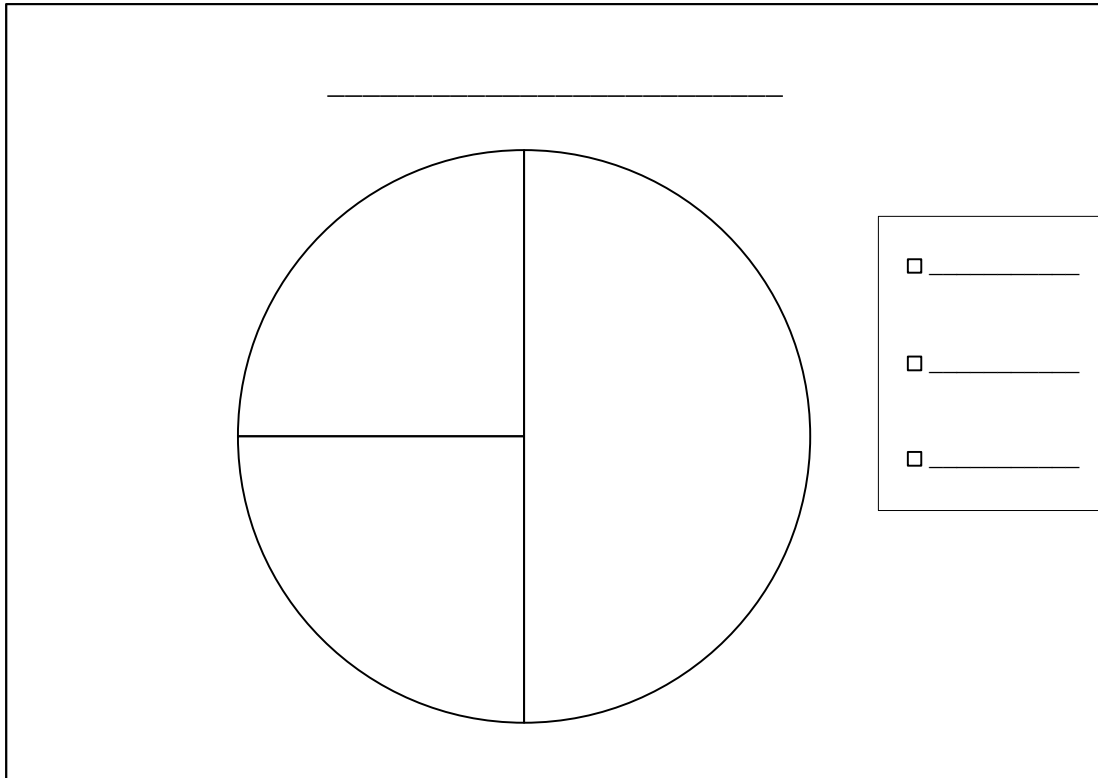
Time (s)	Speed (m/s)
5	14
10	18
15	12
20	17
25	22
30	19



2. Use a pie chart to display the following information regarding ice cream eating preferences:

- 50% prefer chocolate
- 25% prefer vanilla
- 25% prefer strawberry

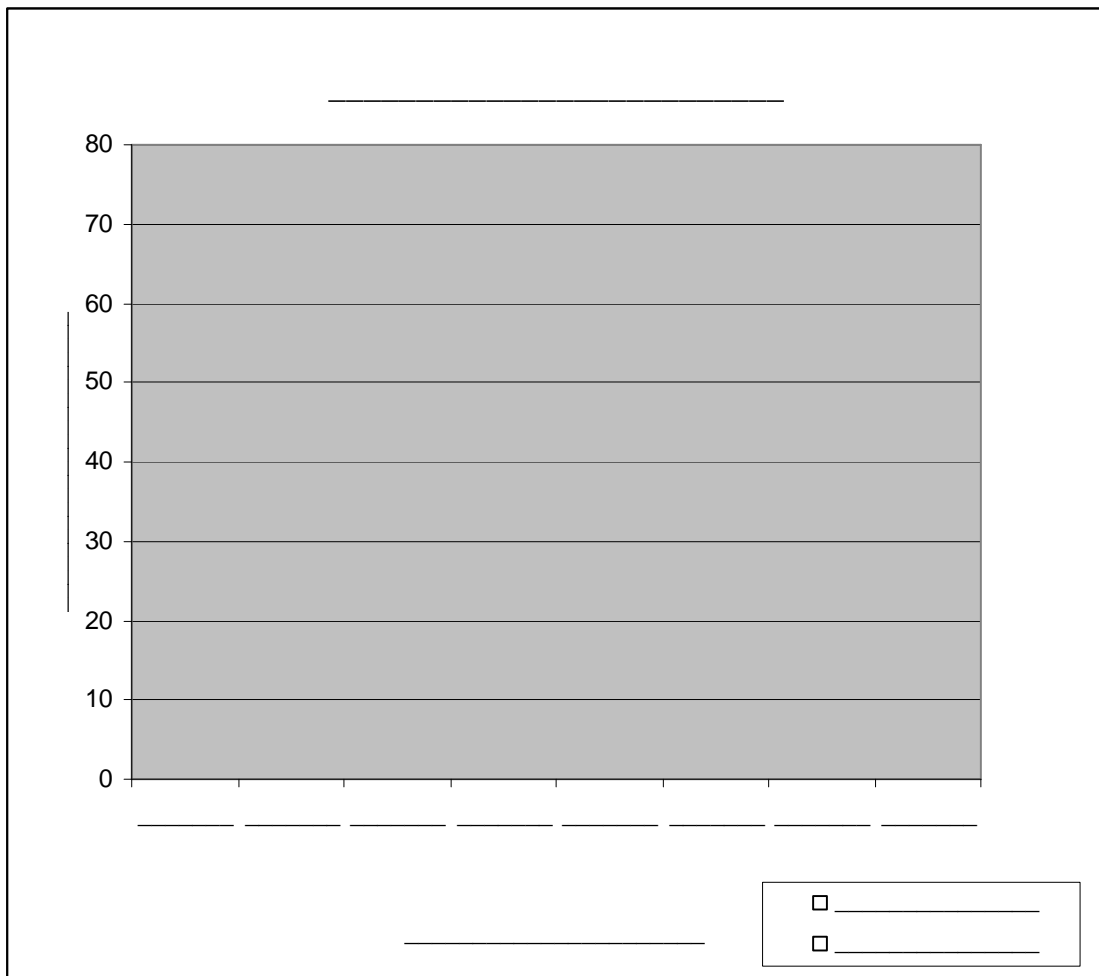
Label each portion of the graph with the type of ice cream and the percentage, and give the graph an appropriate title. Use a colored pencil or crayon to shade the appropriate regions.



3. Draw a bar chart to display the following information.

- In 2001, a local animal shelter found homes for 55 dogs and 75 cats.
- In 2002, they found homes for 43 dogs and 29 cats.
- In 2003, they found homes for 41 dogs and 39 cats.
- In 2004, they found homes for 64 dogs and 51 cats.
- In 2005, they found homes for 44 dogs and 41 cats.
- In 2006, they found homes for 50 dogs and 33 cats.
- In 2007, they found homes for 33 dogs and 29 cats.
- In 2008, they found homes for 48 dogs and 31 cats.

Pair each piece of information (dog and cat) for each year. Draw in the appropriate bars, as discussed in class, and use a colored pencil or crayon to shade the appropriate regions. Give the graph an appropriate title, and create a legend.



Due Thursday, June 4, at the beginning of class.