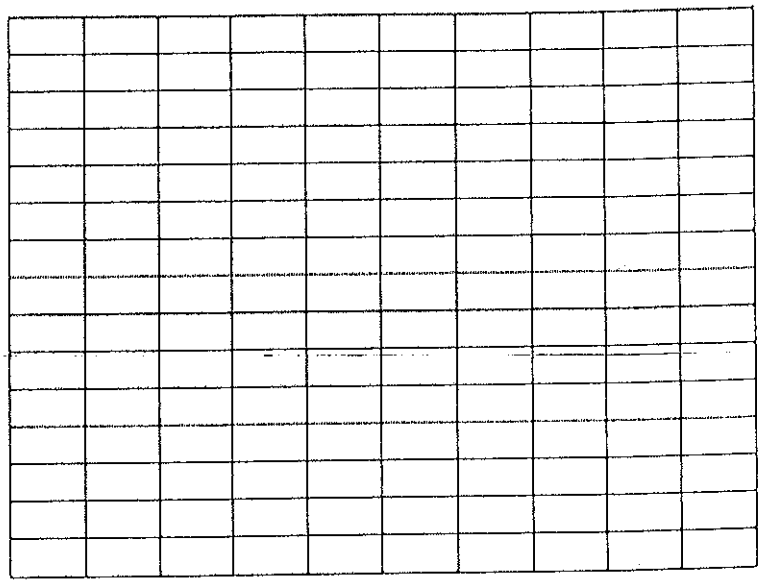
Name _____ Date _____ Hour _____

MAKE A BAR GRAPH

Title: _____



Number of Papers Bobby Delivered

Monday- 73

Tuesday- 52

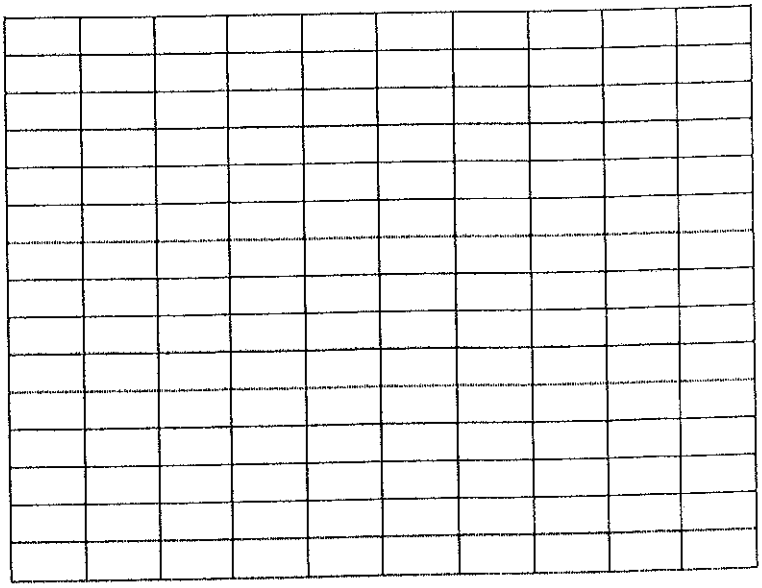
Wednesday- 62

Thursday- 81

Friday- 94

MAKE A LINE GRAPH

Title: _____

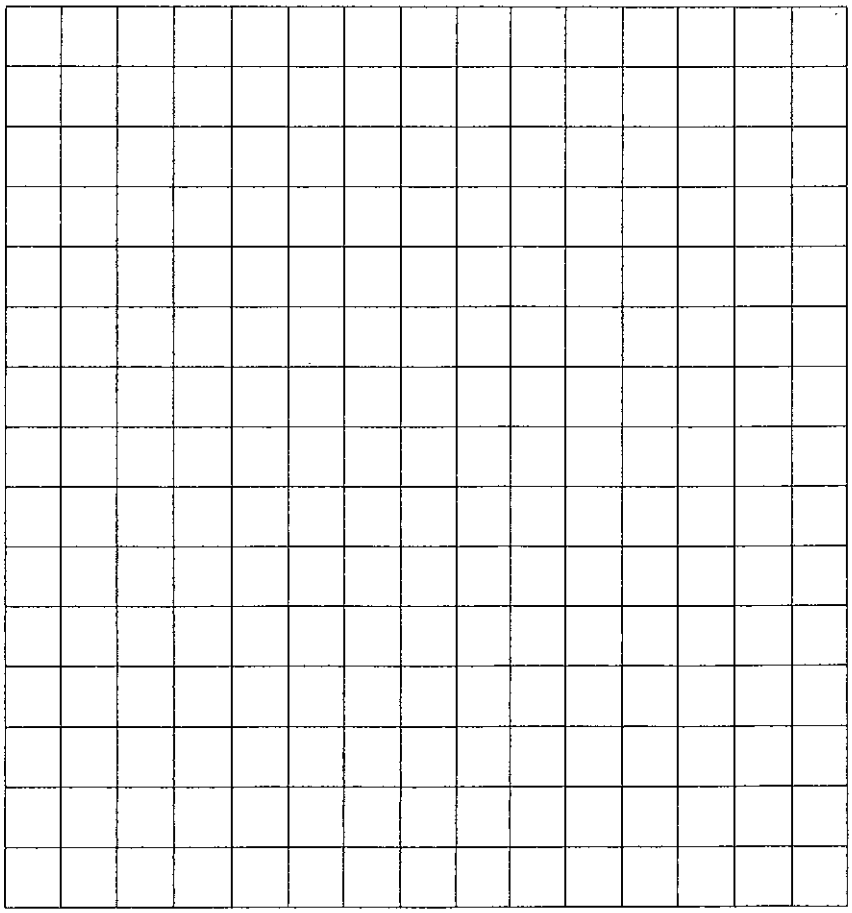


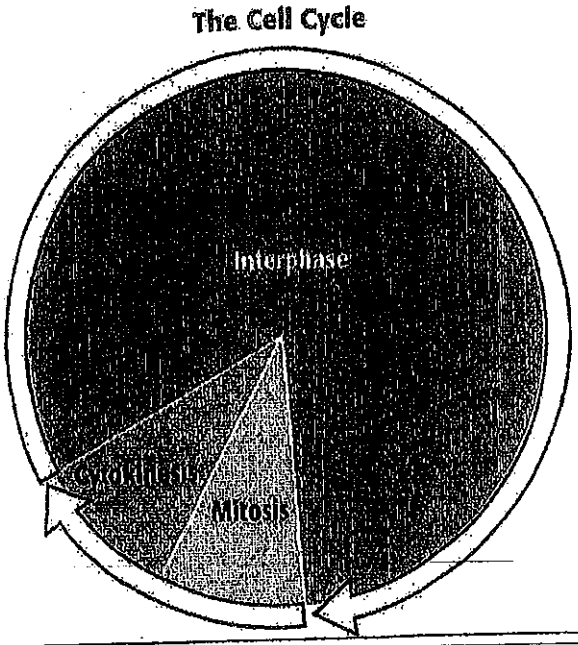
Leg (thigh) Length (cm)	Time of 40 yard dash (sec)
24	9
31	9.2
37	11
38	10
39	8.2
42	8.4
51	8.1
55	9.3
62	9
71	10

Directions: Create a line graph with a break using the data table below.

Water Temperature over 14 Days

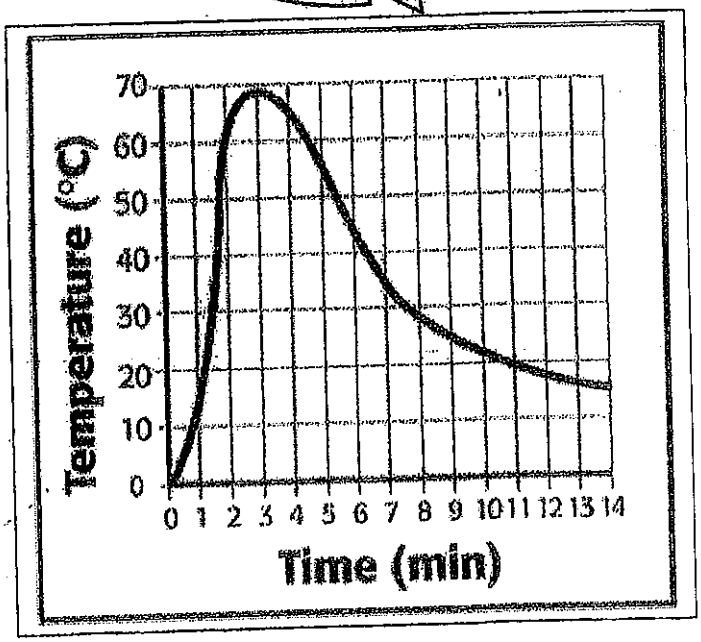
Day Number	Water Temperature °C
1	25
2	26
3	24
4	25
5	23
6	22
7	20
8	23
9	25
10	25
11	26
12	27
13	25
14	26





1. Which part of the cell cycle lasts longest?
   A interphase
   B mitosis
   C cytokinesis
   D There is not enough information

2. Which part of mitosis is the briefest?
   A interphase
   B cell cycle
   C cytokinesis
   D There is not enough information to determine the answer.



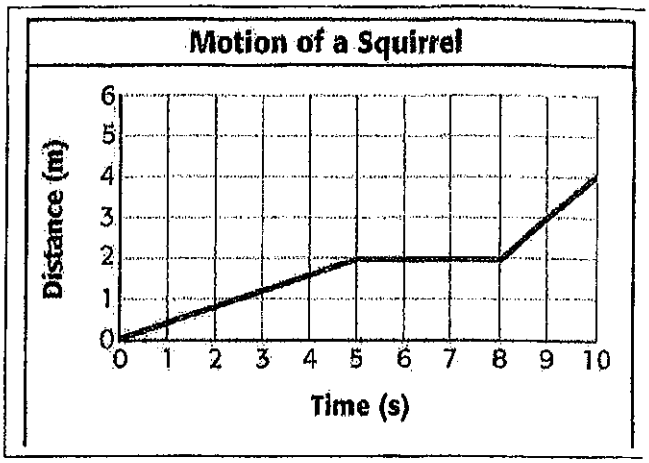
3. What was the highest temperature reached during the reaction?
   A 20℃
   B 40℃
   C 50℃
   D 70℃

4. During what period of time was the temperature increasing at a steady rate?
   F between 0 min and 2 min
   G between 0 min and 3 min
   H between 1 min and 3 min
   I between 0 min and 4 min

5. How many minutes did it take the temperature to increase from 10℃ to 60℃?
   A less than 1 min
   B 1 min
   C 2 min
   D 3 min

6. About how many minutes passed from the time the highest temperature was reached until the time the temperature decreased to 20℃?
   a 7 min
   b 9 min
   c 11 min
   d12 min

Name:_____



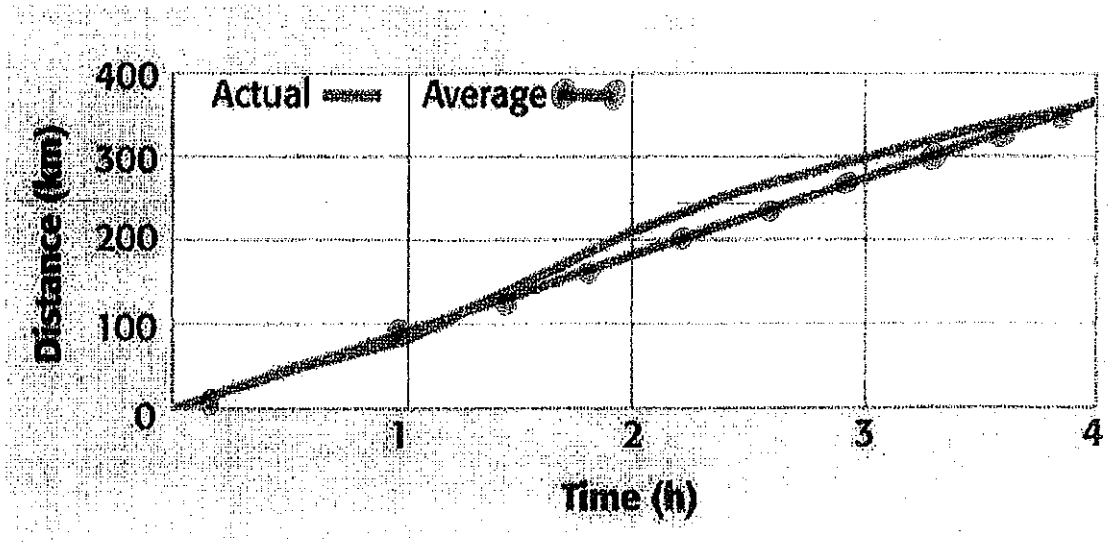
7. Which of the following best describes the motion of the squirrel between 5 s and 8 s?

   A The squirrel's speed increased.
   B The squirrel's speed decreased.
   C The squirrel's speed did not change.
   D The squirrel moved backward.

8. Which of the following statements about the motion of the squirrel is true?

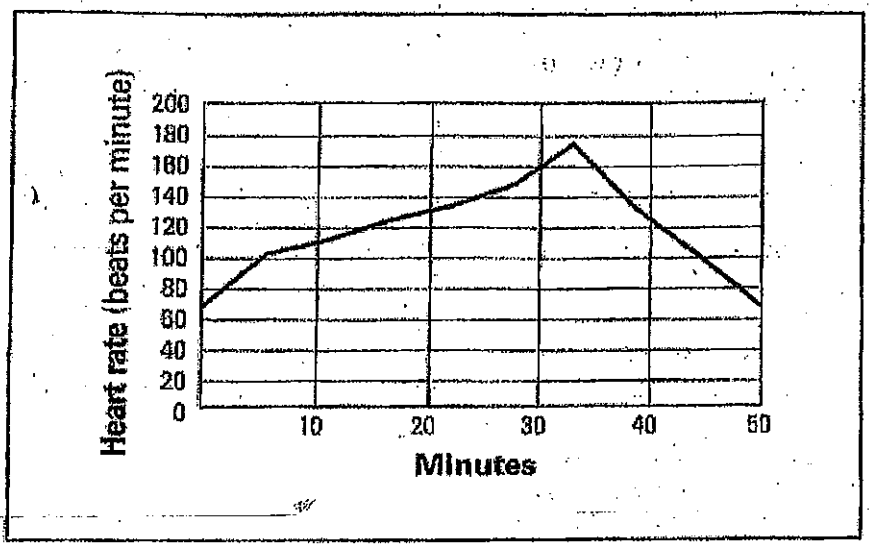
   A The squirrel moved with the greatest speed between 0 s and 5 s.
   b The squirrel moved with the greatest speed between 8 s and 10 s.
   c The squirrel moved with a constant speed between 0 s and 8 s.
   d The squirrel moved with a constant speed between 5 s and 10 s.

A Graph Showing Speed



9. On average, how far did the object travel in 4 hours?
10. How long did it take the object to travel 100km?
11. What is the difference between the actual and average speed of the object?

Heart Rate over Time



1. According to the graph, when is the heart rate the highest?

   A at 27 minutes

   B at 30 minutes

   C at 34 minutes

   D at 50 minutes

2. Which of the following BEST describes what happens to the heart rate over time?

   A The heart rate increases steadily without decreasing.

   B The heart rate decreases steadily without increasing.

   C The heart rate decreases steadily and then increases steadily.

   D The heart rate increases steadily and then decreases steadily.

3. What is the heart rate at 20 minutes?

   A about 160 beats per minute

   B about 120 beats per minute

   C about 180 beats per minute

   D about 200 beats per minute

4. What is the initial heart rate?

   A 0 beats per minute

   B about 70 beats per minute

   C about 170 beats per minute

   D about 200 beats per minute

5. When is the heart rate at is peak?

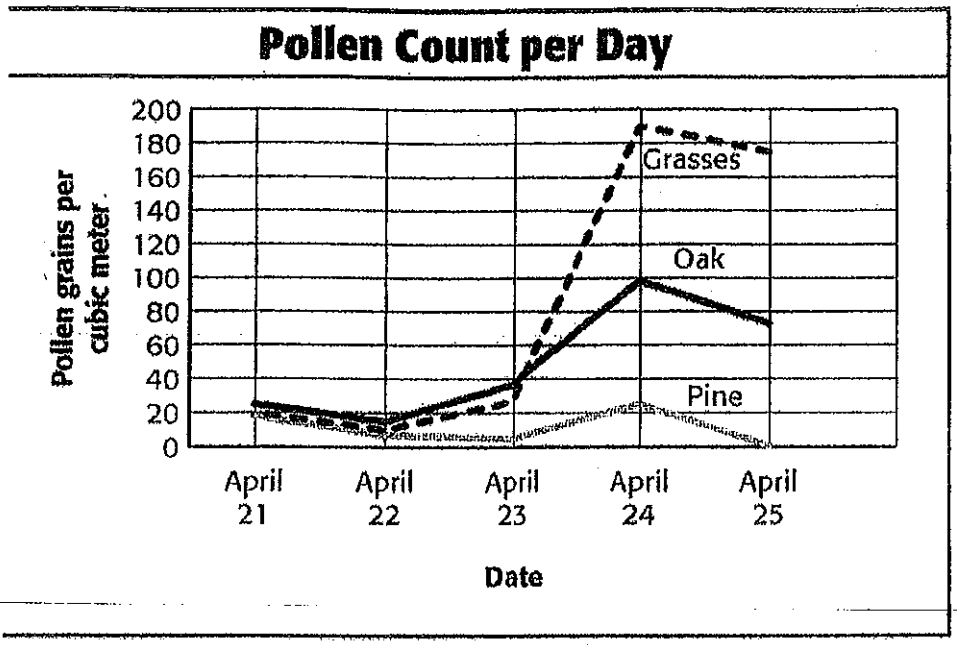
   A at 20 minutes

   B at 25 minutes

   C at 33 minutes

   D at 50 minutes

The graph below shows the pollen counts for three kinds of plants over a 5-day period.



____ 1.On which of the following days was grass pollen the most common type of pollen?
A April 21
B April 22
C April 23
D April 24

____ 2.What was the total pollen count for April 24?
A 30 pollen grains per cubic meter
B 100 pollen grains per cubic meter
C 190 pollen grains per cubic meter
D 320 pollen grains per cubic meter

____ 3.On what days were the total pollen counts lower than 100 pollen grains per cubic meter?
A April 21, April 22, and April 23
B April 22 and April 23
C April 23, April 24, and April 25
D April 24 and April 25

____ 4.What was the pollen count for grasses on April 25?
A 0 pollen grains per cubic meter
B 75 pollen grains per cubic meter
C 175 pollen grains per cubic meter
D 250 pollen grains per cubic meter

5. What is the difference in the number of pollen grains produced between grasses and Oaks on April 24th? (show your work)

6. What plant has the greatest one day increase in pollen production? How much did it increase? (show your work)

7. The plants follow the same general trend in regards to pollen production with the exception of one plant on one day:

- What plant does not follow the trend?
- What day did this occur?
- **Explain** how you can tell what happened from looking at the graph.