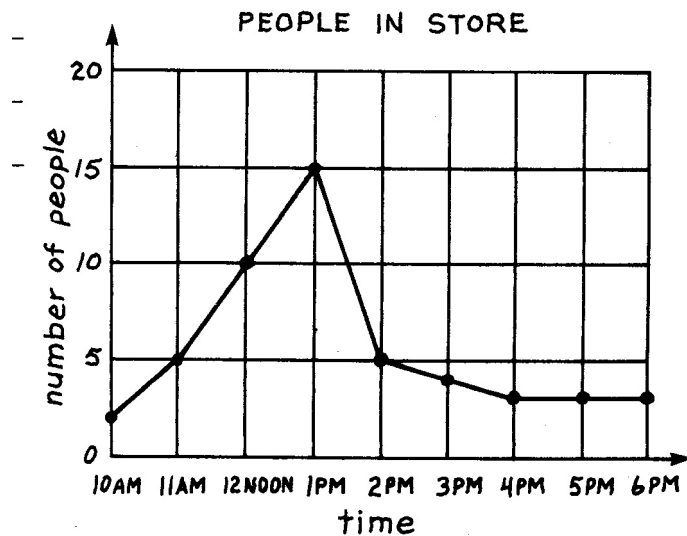


Learning About Line Graphs

In the last lesson you learned about how to use TAILS to make an excellent graph. We made a bar graph from the length of our fingers. The X-axis had categories and the Y-axis had numbers.

When a graph has numbers on both the X and Y-axis it is usually a line graph. Line graphs are able to show trends or patterns in the data. Trends can show whether the data is increasing, decreasing or staying the same.



Questions:

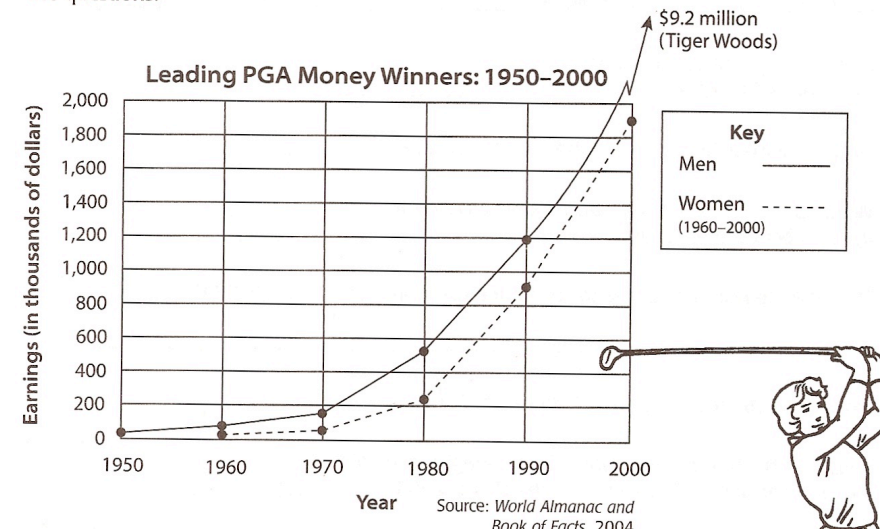
1. What is the interval on the X-axis? _____
2. What is the label on the Y-axis? _____
3. What is the trend between 10am and 1pm?

4. What is the trend between 1pm and 6pm?

Sometimes data is compared on a line graph by having a double line graph. You can then compare trends between sets of data.

On a double line graph it is important that you have a key to show what each line represents.

are questions.



Questions:

1. What is the interval on the Y-axis? _____
2. What data is this graph comparing?

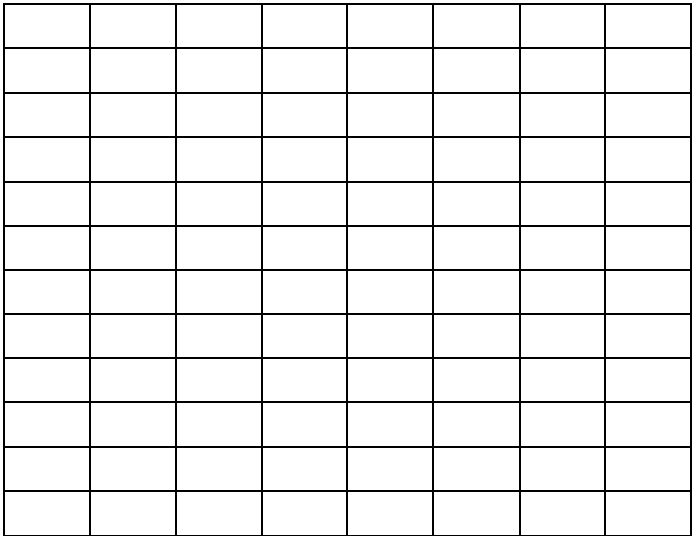
3. What is the trend for men golfers? _____
4. What is the trend for women golfers? _____
5. Why do you think there is no line for women golfers from 1950-1960? _____



What To Do:

1. Make an excellent graph using TAILS from the data below.

People in a Store									
Time	10 am	11 am	12 pm	1 pm	2 pm	3 pm	4 pm	5 pm	6 pm
Number of People	2	5	10	22	15	5	4	4	3



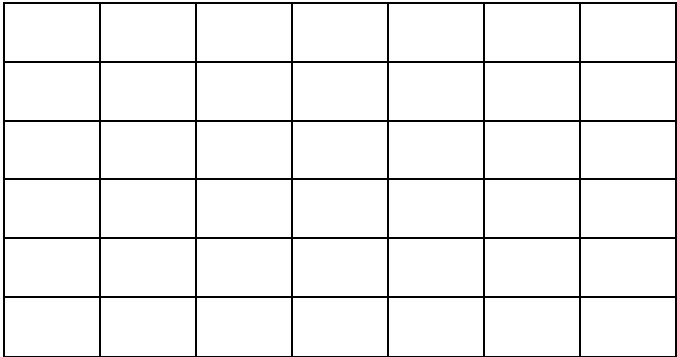
What To Do:

1. Make an excellent graph using TAILS from the data below.
2. Make each line a different color. Fill in the key.

Time in seconds	Baby Sarah Distance in meters	Baby Scott Distance in meters
0	0	0
2	1	1
4	1.5	2
6	2	2.5
8	2.5	3
10	3	3.5

Baby Sarah

Baby Scott

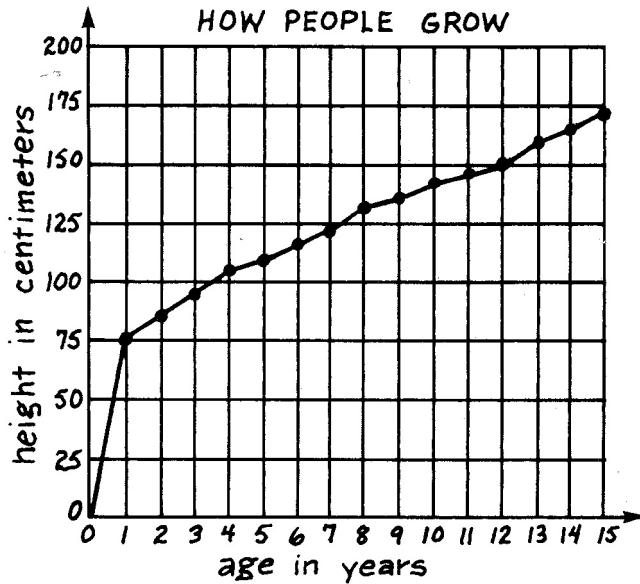




Name _____ period _____

EXIT TICKET

Learning about Line Graphs



1. What is the trend from year 0 to year 15?

2. What is the interval on the Y-axis? _____

3. What is the label on the X-axis? _____

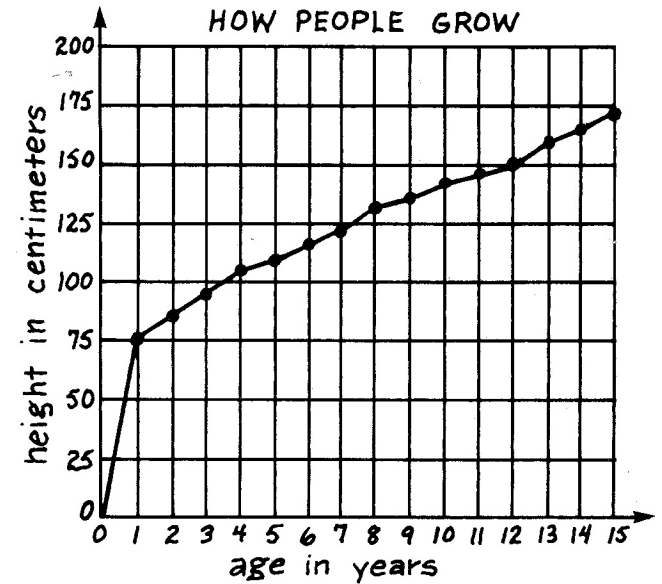
4. What is the title? _____



Name _____ period _____

EXIT TICKET

Learning about Line Graphs



1. What is the trend from year 0 to year 15?

2. What is the interval on the Y-axis? _____

3. What is the label on the X-axis? _____

4. What is the title? _____