

Home Connections

Math Activities

Grade 4

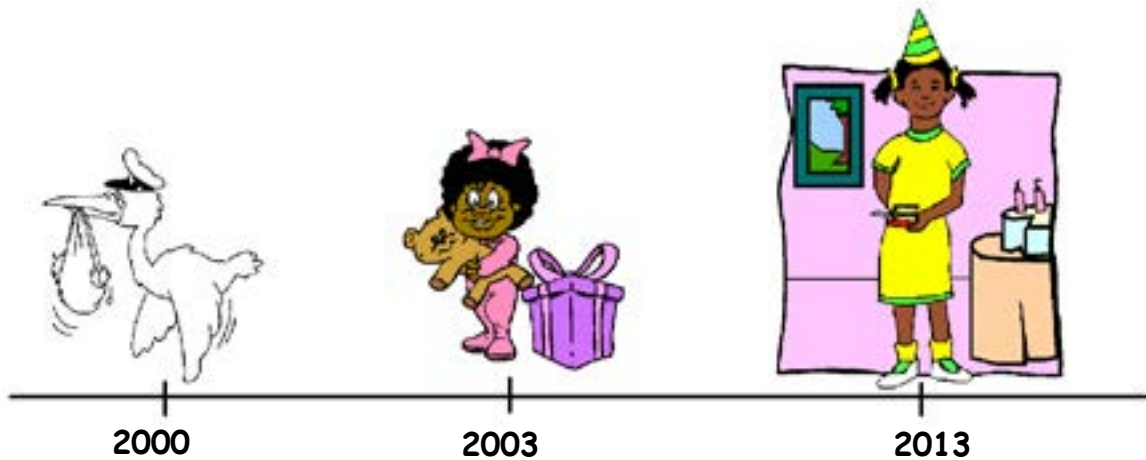
Measurement

Personal Timeline
Measuring Tables At Home

Personal Time Line

Help your child create a personal time line.

1. When did your child learn to walk?
2. When did your child learn to talk?
3. What were three important family events and when did they take place?
4. What were three significant world events that occurred during your child's first decade, and when did they take place?



Timelines help to measure time that has passed.

Let's Talk About It

- How did you decide where to place events on your timeline?

Measuring Tables at Home

Part A) Ask your child to:

1. Predict which rectangular table in your home has the greatest table top area.
2. Predict which rectangular table in your home has the smallest perimeter of the table top.
3. Estimate the lengths and widths of each table tops and record in the chart.
4. Determine the estimated table top areas and record in the chart.
5. Determine the estimated perimeter of the table tops and record in the chart.

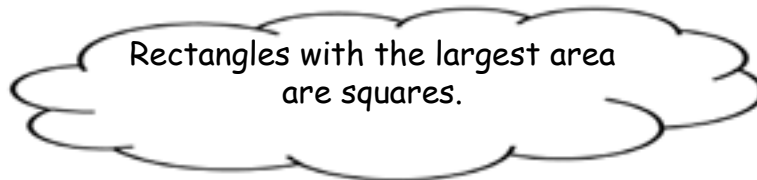
Part B) Ask your child to:

6. Measure the length and width of the table and record in the chart.
7. Calculate the actual area of each table top and record in the chart.
8. Calculate the actual perimeter of each table top and record in the chart.
9. Find the perimeter and area of two more rectangular tables (if possible) and record in the chart.

Perimeter is the distance around.



Area is the amount of space inside.



Let's Talk About It

- How close were your predictions?
- How is the table with the largest area and the table with the largest perimeter the same or different?

Measuring Tables at Home



Part A: Estimated Measurements

Table	Length	Width	Perimeter	Area
1				
2				

I predict that table ___ has the greatest table top area.

I predict that table ___ has the smallest table top perimeter.

Part B: Actual Measurements

Table	Length	Width	Perimeter	Area
1				
2				
3				
4				

The table with the greatest table top area is _____

The table with the smallest table top perimeter is _____