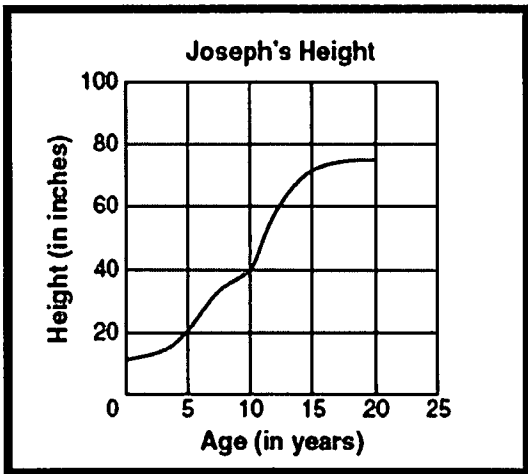


**Math Classroom News**  
**Mrs. Bostic - 4<sup>th</sup> Grade**  
**April 9<sup>th</sup> - April 13<sup>th</sup>**

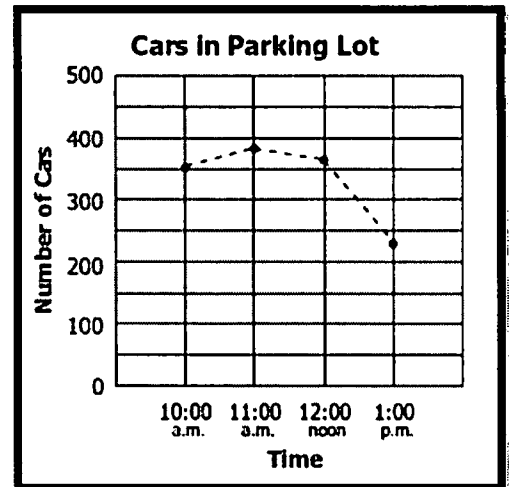
We will be working with line graphs and bar graphs this week. Thank you for all of your support at home! ☺

**Line Graphs**

Line Graphs are used to show a change over time. The vertical axis is labeled with numerical values (numbers) and the horizontal axis is labeled with periods of time (hours, days, weeks, months, years, ages etc.)

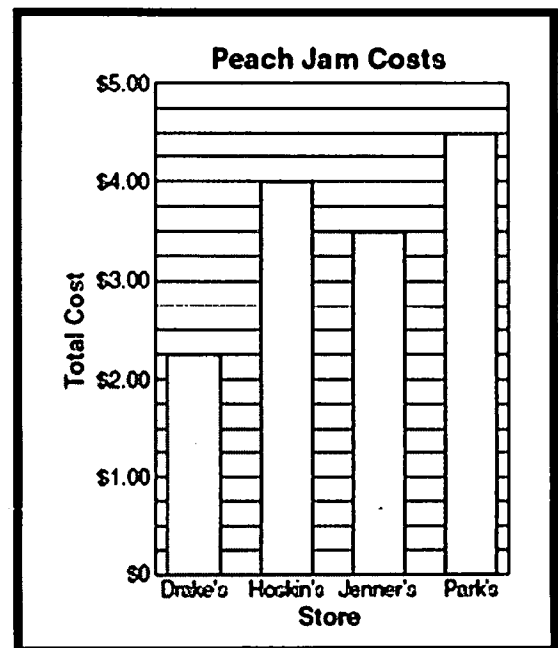
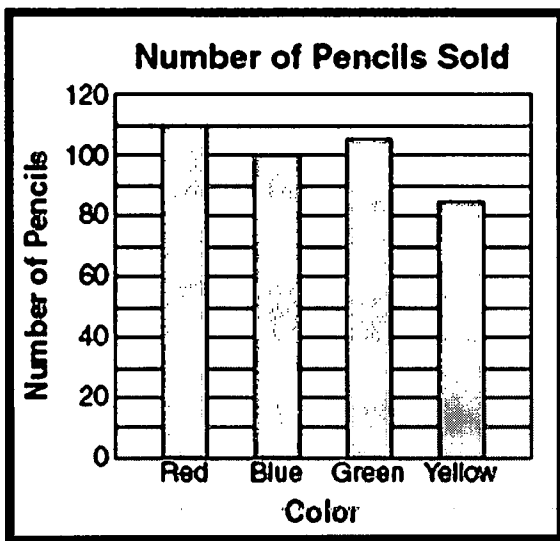


The first line graph shows how the Joseph's height changed as he got older each year. The second line graph showed how the number of cars in a parking changed over a period of four days.



**Bar Graphs**

Bar Graphs are used to compare counts of different categories.



The first graph compares the number of different colors of pencils sold. The second graph compares the cost of jam at four different stores.

We will be learning how to estimate and measure weight in customary units (ounces, pounds, and tons). We will also learn how to convert those units. We will take a short assessment on Friday, April 13<sup>th</sup>. Please encourage your child to study. Thank you! ☺

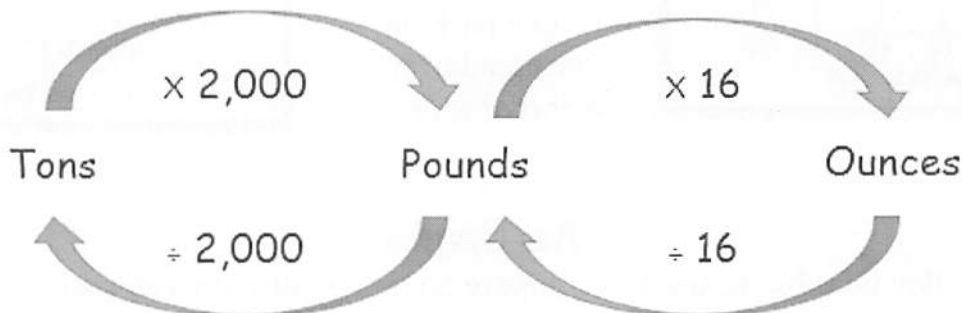


A **ton (T)** is equal to **2,000 pounds**. We measure the weight of very **heavy** things using tons. A very small car, a bull, and a polar bear can all weigh about one ton.



A **pound (lb)** is equal to **16 ounces**. A bottle of water weighs a pound.

An **ounce (oz)** is equal to  $1/16$  of a pound. We measure **light** things using ounces. 3 pencils, 5 quarters, or a slice of bread weigh about an ounce.



### Using the chart to convert customary units

$$2 \text{ tons} = 4,000 \text{ pounds } (2 \times 2,000 = 4,000)$$

$$2 \text{ pounds} = 32 \text{ ounces } (2 \times 16 = 32)$$

$$64 \text{ ounces} = 4 \text{ pounds } (64 \div 16 = 4)$$

$$8,000 \text{ pounds} = 4 \text{ tons } (8,000 \div 2,000 = 4)$$

### IXL Skills to Practice at Home

P.21, P.6, E.26, D.27, X.4, X.5, X.6, X.7,  
X.8, X.9, W.1, W.2, W.3, L.6, L.8, L.9