

Name: _____ Date: _____ Period: _____

Graphing Practice Worksheet

When to make a line graph?

Line graphs show changes of information over a time period. For instance, if the US Dept of Health wanted to look at the obesity rates in the USA every year over the past decade, a line graph would be used.

When to make a bar graph?

Bar graphs are used when comparing groups of information. For instance, if the US Dept of Health wanted to look at the obesity rates of men to women, a bar graph would be used.

What do all graphs need?

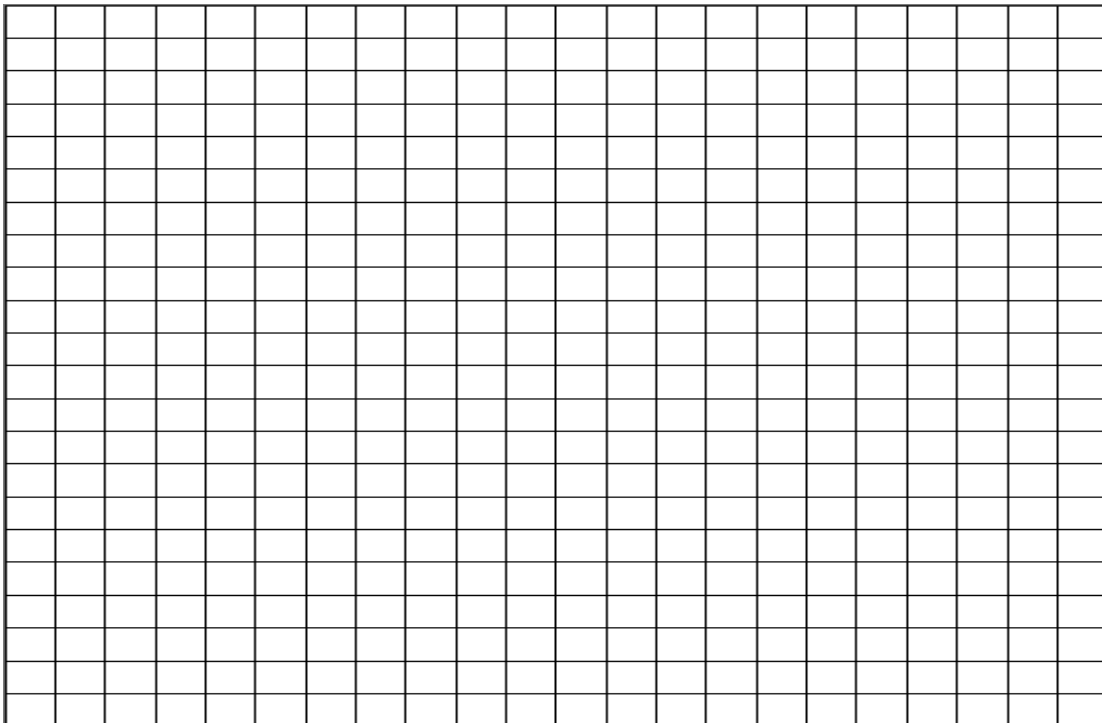
- Title
- X axis label
- Y axis label
- Key (if needed)

Rules to keep in mind

- Space out numbers equally
- Make gaps between bars equal
- Make bars equal in width

Graph #1: The API test score is an important way to measure how successful CA schools are performing. If we examine the API scores over the course of several years, hopefully we will see a positive pattern. Here is the BHHS data from the years 2005-2010.

Year	2005	2006	2007	2008	2009	2010
API test score	815	847	824	805	846	839



Graph #2: The API test score is an important way to measure how successful CA schools are performing. If we examine the API scores of various CA schools in the year 2010, hopefully we will see that BHHS is performing well.

School	Beverly Hills High School	Santa Monica High School	Palisades Charter High	Culver City High School	Mira Costa High School	Venice High School
API test score	839	787	818	804	899	737

