

CC20 IXL - Cheat Sheet

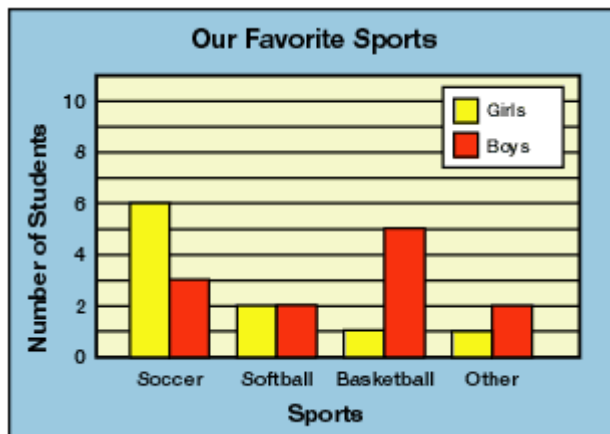
Pictograph – this graph is used when data is presented in multiples. Each pictures stands for a multiple of a number.

Example: Which type of graph would you use to show the number of tennis balls in four different stores, if tennis balls come in containers of three?

Favorite Pets	
Cat	🐾 🐾 🐾 🐾 🐾
Dog	🐾 🐾
Hamster	🐾 🐾 🐾

Each 🐾 stands for 2 votes.

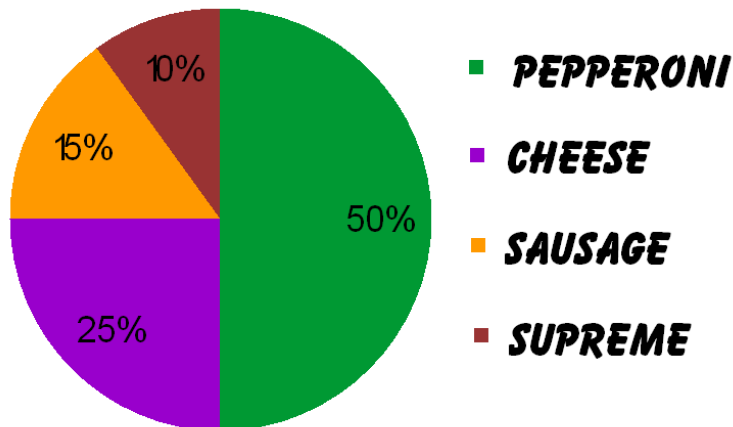
Double Bar Graph – this type of graph is used when 2 different categories are used. Example: Which type of graph would best show the number of red grapes and the number of green grapes in several cups?



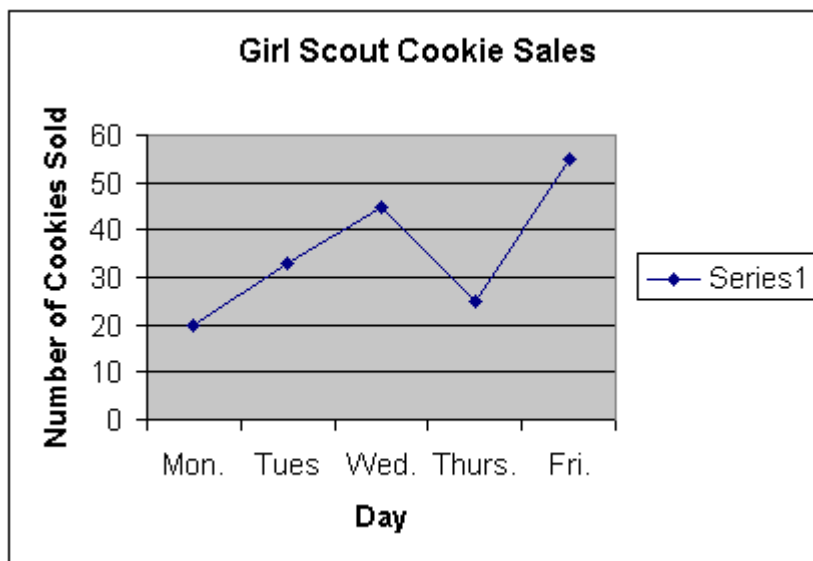
Pie or Circle Graph – this type of graph is used when talking about a proportion or percentage. Example: Which type of graph would you use to show the proportion of students born in spring,

summer, fall, or winter? **Example 2:** Which is the best type of graph to show the **percentage** of students whose favorite fruit is a banana, an apple, an orange, or other?

FAVORITE PIZZA TOPPINGS

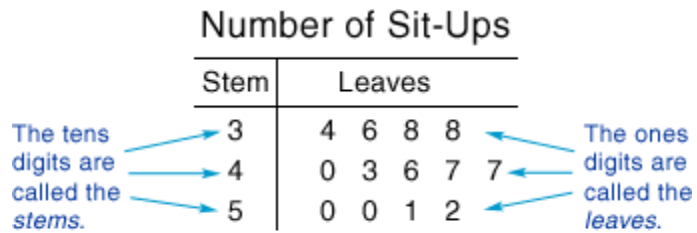


Line Graph – this type of graph is used to show change over time (i.e. Days, years, months, hours, etc.) Example: Which type of graph would best show the number of apples sold each **month**?



Stem-and-Leaf-Plot – This type of graph is used when there will be a lot of data answers.

Example: Which type of graph would best show the number of movies each third-grade student watched last year?



Key: 3 | 6 = 36