

Graphing Guidelines & Practice

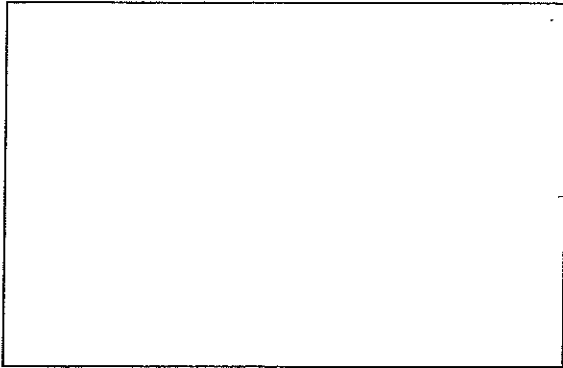
Rules for making graphs

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____
- 6) _____

Types of graphs

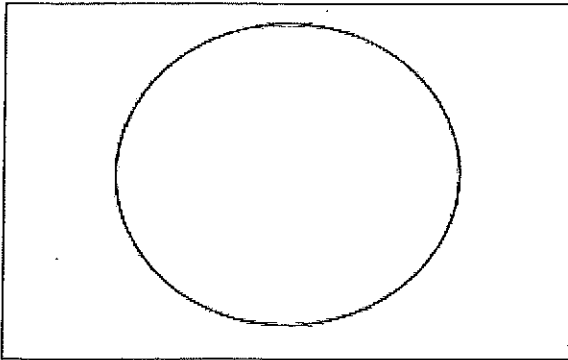
Bar

- Use for: _____



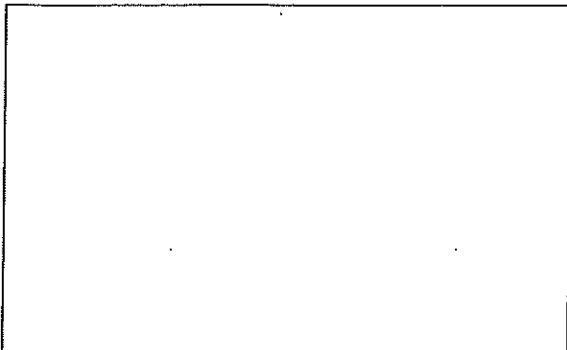
Pie

- Use for: _____



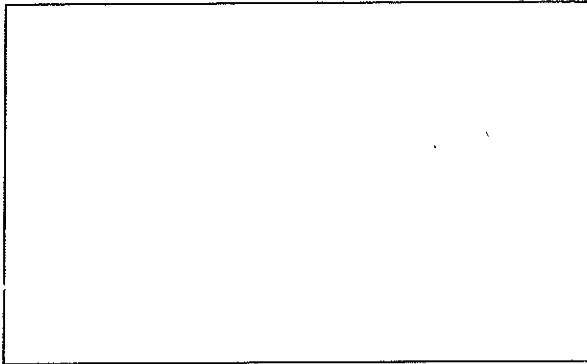
Line

- Use for: _____



Scatter Plot

- Use for: _____



Practice: Use the boxes above to make a graph that is appropriate for the data in each table.

- 1) Mrs. P's (P=pizza) pizzeria is tracking the popularity of different crust styles in order to design a new specialty pizza.

Pizza Type	Ordering Rate
Thin crust	17%
Deep dish	15%
Regular	53%
Stuffed crust	15%

- 2) Mrs. P's (P=petite) doctor is tracking her height in high school to see if it might be causing her shortness problem.

Age (years)	Height (cm)
14	157
15	180
16	183
17	185

- 3) Mrs. P (P=pretty) is recording the number of each type of pretty minerals in her collection to determine which is her favorite.

Mineral	Number
Amethyst	12
Fluorite	43
Beryl	22
Herkimer Diamond	76

- 4) Msr. P (P=Puppy) is carefully measuring the mass of every puppy on her 40 acre dog park compared to their length (length is the independent variable in this case) to see if there is a connection between the two.

Puppy Name	Length (mm)	Weight (mg)
Bob	8.2	7.6
Bobbo	7.5	5.2
Billy	9.1	8.7
BillyJean	6.6	2.1
Beth	10.6	4.9
Barbara	11.1	8.6
Buddy	11.0	3.2
Ben	8.5	4.1
Bubba	22.1	19.5