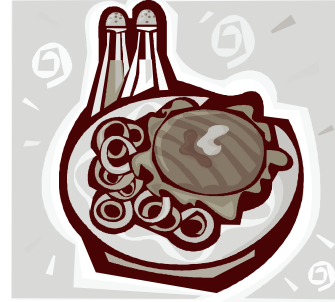


What's for Lunch?

Objective: The student will illustrate the information given with a graph and also determine from the graph the total number of selections possible.



KATHY'S KORNER KITCHEN

MENU

Hamburger Steak.....\$14.95

Delicious 1/3 pound steak cooked to your desired degree of doneness. Steak served with potato (jumbo baked potato, premium French fries, or creamy mashed potatoes with brown gravy), your choice of seasoned green beans or chef salad, and a homemade roll.

Grilled Chicken Breast.....\$10.95

Tender and moist boneless chicken breast grilled over hardwood fire. Chicken served with your choice of rice pilaf or creamy mashed potatoes with white gravy, your choice of steamed mixed vegetables or chef salad, and a homemade roll.

Vegetable Plate.....\$8.95

Generous portions of Cathy's home cooked vegetables, this plate consists of creamy mashed potatoes, seasoned green beans, steamed mixed vegetables, and the vegetable of the day. This meal is served with a homemade roll.

* All meals served with freshly brewed ice tea, rich, creamy ice cream, and a home made cookie.

1. Draw a graph to illustrate all of the possible steak dinners. How many different dinners are possible?
2. Draw a graph to illustrate all of the possible chicken dinners. How many different dinners are possible?
3. Draw a graph to illustrate all of the possible vegetable dinners. How many different dinners are possible?

4. Draw a graph to illustrate all of the various menu choices.

5. How many different lunch specials are possible? What counting principle(s) can be used to determine the solution?