

Did You Bring Enough Money?

Essential Math Grade Nine

by B. Fisher

Description of Lesson: Students compare the prices of different menus at the plowing match. Once they have done a comparison of prices for favourite foods then they can decide if ten dollars would be enough money for lunch and dinner.

Expectations

DMS2.02 – solve problems involving estimating the totals of money values found in real contexts

DMS2.04 – solve problems by exploring the cost of several items

DMS3.02 – explain their reasoning used in problem solving and in judging reasonableness;

DMS3.03 – communicate, orally and in writing, the solutions to money problems and the results of investigations, using appropriate terminology, symbols, and form.

Resources

Collect menus/costs for food from different confectionaries at the plowing match. Make up a menu for at least five different food vendors at the plowing match. Each menu should include; drinks, french fries, hot dogs, hamburgers etc.

Assessment

Rubrics - see achievement charts

Lesson Steps:

Introduction/Activity 1

Have students visualize going to the plowing match for the day and set a limit of ten dollars for food. Hand out menus and problem sheet.

Activity 2

Have students compare prices for each menu in chart format. Have students answer question what vendor has the best prices.

Have students calculate whether ten dollars would be enough for him/her for lunch and dinner. Students must calculate tax on food in order to be under the ten dollars.

Activity 3

Ask students how much money should they bring to the plowing match and they can recalculate their answers. Limits can be set as to the amount of money they can bring.