



## Task Title: School BBQ Table Calculations

### OALCF Cover Sheet – Learner Copy

**Learner Name:** \_\_\_\_\_

**Date Started:** \_\_\_\_\_

**Date Completed:** \_\_\_\_\_

**Successful Completion:** Yes ☐ No ☐

**Goal Path:** Employment ☐ Apprenticeship ☐

Secondary School ☐ Post Secondary ☐ Independence ☐

**Task Description:** The learner will calculate the number of tables and tablecloths required for an event.

#### Main Competency/Task Group/Level Indicator:

- Find and Use Information/Read continuous text/A1.1
- Understand and Use Numbers/Manage money/C1.1
- Understand and Use Numbers/Use measures/C3.1

#### Materials Required:

- Pen/pencil and paper and/or digital device
- Calculator or digital device with calculator function (optional)

## Learner Information

At many elementary schools, Parent Councils and School Staff co-host a Parent-Teacher BBQ at the beginning of each school year (September) to encourage positive relationships and communication. As a volunteer on the Parent Council, a person may be in charge of making sure that there are enough tables for the food buffet and for people to sit down to eat. That person may also need to buy plastic tablecloths to cover the tables.

Read the "Parent-Teacher BBQ Scenario".

### **Parent-Teacher BBQ Scenario**

You are the Parent Volunteer in charge of the tables and tablecloths. Each table is six feet long and 32 inches wide. Three people can sit on each side of one table. Four tables are put together end to end to make one row. There needs to be seating for 80 people. The buffet needs five tables to spread out all the food. Plastic tablecloths in the school colours, gold and green, need to be purchased to cover all tables. Each tablecloth is \$2.99 plus tax and measures 70 x 108 inches. Volunteers will be paid back for any purchases they have to make for the BBQ.

## Work Sheet

**Task 1: Calculate the length of one row of four tables set end to end length-wise.**

Answer:

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**Task 2: How many people can sit at one row of four tables with one person sitting on each end?**

Answer:

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**Task 3: Calculate the length of the buffet.**

Answer:

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**Task 4: How many tables will be needed to ensure that there is seating for 80 people?**

Answer:

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**Task 5: How many tablecloths does a volunteer have to buy to cover the buffet tables and the tables for eating?**

Answer:

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**Task 6: What is the before tax cost of the total number of tablecloths?**

Answer:

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