

Task Title: Calculate Number of Cars Needed

# OALCF Cover Sheet – Practitioner Copy

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

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

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

|  |  |  |
| --- | --- | --- |
| **Goal Path:** | Employment | Apprenticeship |
| Secondary School | Post Secondary | Independence |

**Successful Completion:**  Yes No

**Task Description:** The learner will use a club list and a driver sign-up sheet to calculate the number of cars needed to drive a group of children to a track and field event.

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

* Understand and Use Numbers/Manage data/C4.1

**Materials Required:**

* Pen/pencil and paper and/or digital device

# Learner Information

Coaches and parent volunteers sometimes must calculate the number of cars needed to take children to a sporting event.

Scan the “Sundell Regional Track & Field Meet Roster” and the “Driver Sign-Up Sheet”.

**Sundell Regional Track & Field Meet Roster - Friday, May 15**

|  |  |  |
| --- | --- | --- |
| Marywood Track & Field Club | Junior Level | Coach: Mr. Michel Le Bruin |

|  |  |
| --- | --- |
| Name | Event |
| 1. Alberg, Hendrik | Boys’ shot put |
| 1. Bartkowski, Ivan | Boys’ 200M |
| 1. Bison, Georgette | Girls’ 4X100M relay |
| 1. Blauvelt, Gretchen | Girls’ 100M |
| 1. ~~Brandt, Jacob~~ |  |
| 1. Carmody, Bianca | Girls’ long jump |
| 1. Chada, Rishi | Boys’ triple jump |
| 1. Chen, Jillian | Girls’ 300M dash |
| 1. Gulliver, Rachael | Girls’ shot put |
| 1. ~~Ishida, Marie~~ |  |
| 1. Jensen, Olivia | Girls’ 4X100M relay |
| 1. Khouri, Jareer | Boys’ long jump |
| 1. ~~Mc Tavish, Ian~~ |  |
| 1. Okeke, Michael | Boys’ high jump |
| 1. Portella, Maria | Girls’ 4X100M relay |
| 1. Quang, Ivy | Girls’ 800M race walk |
| 1. Roberts, Gregory | Boys’ 60M dash |
| 1. Santos, Romero | Boys’ distance medley |
| 1. ~~Takens, Robert~~ |  |
| 1. Talavera, Custodia | Girls’ 4X100M relay |
| 1. ~~Thibideau, Ariana~~ |  |
| 1. Yee, Thomas | Boys’ 300M dash |

**Sundell Regional Track & Field Meet Roster - Friday, May 15**

**Driver Sign-Up Sheet**

|  |  |  |
| --- | --- | --- |
| Marywood Track & Field Club | Junior level | Coach: Mr. Michel Le Bruin |

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | | **Number of Riders** | **Phone Number** |
| Maria Okeke | 2 | 226-806-4491 |
| Han Quang | 4 | 519-721-5643 |
| Pieter Blauvelt | 4 | 519-641-2310 |
| Juan Santos | 5 | 226-805-4016 |
| Roberta Blackwood | 2 | 519-773-9422 |
| Trevor Carmody | 4 | 226-913-4377 |
| Astrid Runnels | 3 | 519-747-3389 |
| Janine Gulliver-Jones | 3 | 519-504-6638 |

# Work Sheet

**Task 1: How many children will need rides to the track and field meet? The children whose names are crossed off the list are not attending the event.**

Answer:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Task 2: What is the least number of cars that will be needed?**

Answer:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

# Answers

**Task 1: How many children will need rides to the track and field meet? The children whose names are crossed off the list are not attending the event.**

Answer: 17 children

22 children in the group – 5 children not attending the meet = 17 children needing rides

**Task 2: What is the least number of cars that will be needed?**

Answer: 4 cars

Juan Santos 5 riders

Han Quang 4 riders

Pieter Blauvelt 4 riders

Trevor Carmody 4 riders

Total 17 riders

Note: If the learner has made an error in calculating the number of children needing rides in Task 1, do not penalize for that error in this task. If the learner’s calculation for this task is correct, the learner has successfully completed Task 2.

# Performance Descriptors

| Levels | Performance Descriptors | Needs Work | Completes task with support from practitioner | Completes task independently |
| --- | --- | --- | --- | --- |
| C4.1 | adds, subtracts, multiplies and divides whole numbers and decimals |  |  |  |
|  | identifies and compares quantities of items |  |  |  |
|  | understands numerical order |  |  |  |
|  | identifies and performs required operation |  |  |  |
|  | follows apparent steps to reach solutions |  |  |  |
|  | uses strategies to check accuracy (e.g. estimating, using a calculator, repeating a calculation, using the reverse operation) |  |  |  |

This task: Was successfully completed Needs to be tried again

Learner Comments:

Instructor (print): Learner (print):

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Skill Building Activities

**Links to Online Resources:**

LearningHUB Math Courses: <https://www.learninghub.ca/apps/pages/index.jsp?uREC_ID=1118749&type=d&pREC_ID=1380783>

LearningHUB Course Catalogue: <https://www.learninghub.ca/apps/pages/coursecatalogue>

Project READ Practice Counting Activities (pp. 9-32): <https://projectread.ca/pdf/AddingToMySkills.pdf>

GCF LearnFree Addition and Subtraction: <https://edu.gcfglobal.org/en/additionsubtraction/>