Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Class Picnic – Task Recording Sheet Part I**

**Task:** The third grade classes are planning to have a picnic in which 42 third grade students will be attending. In planning for the picnic, the teachers need to be sure to purchase enough food and supplies for all of the third grade students in attendance. The teachers are counting on your help to create the shopping list for the picnic.

**Directions:** Work together with your group. Use the Picnic Item card to determine how many packages of that particular item will need to be added to the shopping list to ensure we have enough for all 42 students. Complete your MATH planning page for your particular item and be ready to add the quantity we’ll need of your item to our class shopping list!

|  |  |
| --- | --- |
| **M**ake a picture |  |
| **A**lgorithm |  |
| **T**ell your answer |  |
| **H**ow did you do it? | 1.  2.  3.  4.  5. |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Class Picnic – Task Recording Sheet Part II**

**Task:** The third grade classes are planning to have a picnic in which 42 third grade students will be attending. The teachers need your help arranging the picnic tables to be sure each student has a place to sit. The following picnic tables are available:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Square tables seat one person on each side.  Total: 4 students |  | Circular tables seat three people.  Total: 3 students |
|  | Hexagonal tables seat one person on each side.  Total: 6 students |  | Rectangular tables seat 12 people.  Total: 12 students |
|  | Pentagonal tables seat one person on each side.  Total: 5 students |  | |

1. If able to use only one style of table, which style would you need the **least** of to seat all 42 students?

|  |
| --- |
| **M**ake a picture |
| **A**lgorithm |
| **T**ell your answer |

1. If able to use only one style of table, which style would you need the **most** of to seat all 42 students?

|  |
| --- |
| **M**ake a picture |
| **A**lgorithm |
| **T**ell your answer |

1. The teachers have given you permission to use two different styles of tables. What combination of tables will you use to seat all 42 students?

|  |
| --- |
| **M**ake a picture |
| **A**lgorithm |
| **T**ell your answer |

**Class Picnic – Item & Supply Card**

|  |  |
| --- | --- |
| **Paper Plates**  **sold in packages of 9** | **Hot Dogs**  **sold in packages of 8** |
| **Hamburgers**  **sold in packages of 6** | **Small Bags of Chips**  **sold in packages of 5** |
| **Juice Boxes**  **sold in packages of 7** | **Cupcakes**  **sold in packages of 8** |
| **Hot Dog Buns**  **sold in packages of 10** | **Hamburger Buns**  **sold in packages of 12** |
| **Popsicles**  **sold in packages of 4** | **Apples**  **sold in bags of 3** |