

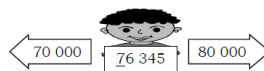
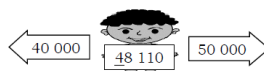
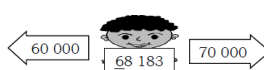
|                                                                                                                                   |                                 |                                      |                       |                               |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------|-----------------------|-------------------------------|
|  <b>GRADES 1 to 12</b><br><b>DAILY LESSON LOG</b> | <b>School:</b>                  |                                      | <b>Grade Level:</b>   | <b>IV</b>                     |
|                                                                                                                                   | <b>Teacher:</b>                 |                                      | <b>Learning Area:</b> | <b>MATHEMATICS</b>            |
|                                                                                                                                   | <b>Teaching Dates and Time:</b> | <b>AUGUST 29 - SEPTEMBER 2, 2022</b> | <b>Quarter:</b>       | <b>1<sup>st</sup> Quarter</b> |

|                                                          | MONDAY                                                                          | TUESDAY                                                                                                  | WEDNESDAY                                                                       | THURSDAY                                                                        | FRIDAY |
|----------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------|
| <b>I. OBJECTIVES</b>                                     |                                                                                 |                                                                                                          |                                                                                 |                                                                                 |        |
| A. Content Standards                                     |                                                                                 | The learner demonstrates understanding of whole numbers up to 100 000                                    |                                                                                 |                                                                                 |        |
| B. Performance Standards                                 |                                                                                 | The learner is able to recognize and represent whole numbers up to 100 000 in various forms and contexts |                                                                                 |                                                                                 |        |
| C. Learning Competencies/ Objectives                     | Rounds numbers to the nearest thousands and ten thousands<br><b>M4NS-Ib-5.2</b> | Rounds numbers to the nearest thousands and ten thousands<br><b>M4NS-Ib-5.2</b>                          | Rounds numbers to the nearest thousands and ten thousands<br><b>M4NS-Ib-5.2</b> | Rounds numbers to the nearest thousands and ten thousands<br><b>M4NS-Ib-5.2</b> |        |
| <b>II. CONTENT</b><br>( Subject Matter)                  | Rounding Numbers to the Nearest thousand and Ten Thousands                      | Rounding Numbers to the Nearest thousand and Ten Thousands                                               | Rounding Numbers to the Nearest thousand and Ten Thousands                      | Rounding Numbers to the Nearest thousand and Ten Thousands                      |        |
| <b>III. LEARNING RESOURCES</b>                           |                                                                                 |                                                                                                          |                                                                                 |                                                                                 |        |
| A. References                                            |                                                                                 |                                                                                                          |                                                                                 |                                                                                 |        |
| 1. Teacher's Guide pages                                 |                                                                                 |                                                                                                          |                                                                                 |                                                                                 |        |
| 2. Learner's Material pages                              |                                                                                 |                                                                                                          |                                                                                 |                                                                                 |        |
| 3. Textbook pages                                        |                                                                                 |                                                                                                          |                                                                                 |                                                                                 |        |
| 4. Additional Materials from Learning Resource LR portal |                                                                                 |                                                                                                          |                                                                                 |                                                                                 |        |
| B. Other Learning Resources                              | Show me cards, number lines                                                     | Pictures, show me board                                                                                  |                                                                                 | Flash cards                                                                     |        |
| <b>IV. PROCEDURE</b>                                     |                                                                                 |                                                                                                          |                                                                                 |                                                                                 |        |
|                                                          | <b>WHAT I KNOW:</b>                                                             | <b>WHAT IS IT:</b>                                                                                       | <b>WHAT'S MORE:</b><br><br>Activity 1                                           | <b>Assessment 2</b>                                                             |        |

Round Jayson's numbers to the nearest thousands and copy the correct number from the arrow.

1. 
2. 
3. 

This time, round his numbers to the nearest ten thousands and then copy the correct number from the arrow.

4. 
5. 
6. 
7. 

Solve the following problems.

8. In the three barangays of Sorsogon City, 21 897 families received relief goods. About how many thousands of families received the relief goods?

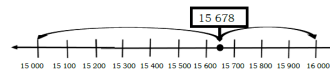
9. Ruden always saves money in a bank. For two years, he already saved ₱28,760.00. To the nearest ten thousands, about how much money has he already saved in the bank?

10. Food Jobs Eatery delivered 35 632 food packs to their

Let us see if we have the same answer. You can answer the question by rounding 15 678 to the nearest thousands. What do we mean by rounding?

**Rounding is the process of finding the nearest value to a certain number.**

Let us study the number line below.



To which number is 15 678 closer, 15 000 or 16 000? Since 15 678 is closer to 16 000, we can say that 15 678 becomes 16 000 when rounded to the nearest thousands. Hence, about 16 000 balloons were delivered at the end of the week.

We can also round off numbers using the following steps:

1. Identify the digit in the rounding place. This is called the rounding digit. 15 678

2. Identify the digit to the right of the rounding place. 15 678  
2.1 If the digit to the right of the rounding place is less than 5 (0, 1, 2, 3 or 4), round the number down by leaving the rounding digit the same. Then, change all digits to the right of the rounding digit to zero.

2.2 If the digit to the right of the rounding place is 5 or greater than 5 (6, 7, 8 or 9), round the number up by adding one to the rounding digit. Then, change all

Round each number to the nearest place value indicated.

| Number      | Rounded to the nearest |               |
|-------------|------------------------|---------------|
|             | Thousands              | Ten Thousands |
| 1-2. 38 850 |                        |               |
| 3-4. 42 098 |                        |               |
| 5-6. 59 319 |                        |               |
| 7-8. 87 274 |                        |               |

9. The Department of Education released a list of 3 250 approved supplementary learning resources in 2019 (DO No. 35, s. 2019). About how many thousands of supplementary learning resources do schools can choose to buy?  
10. The Langwika sewers were able to produce 28 614 cloth face masks for frontliners in Laguna. What is 28 614 if rounded off to the nearest ten thousands?

#### Assessment 1

Answer the following using the rules of rounding numbers.

1. If the school has 4 768 learners last school year, about how many enrollees do we expect from the learners last school year?
2. The COVID-19 cases in the country reached 9 223 on May 3, 2020 according to Department of Health (<https://www.doh.gov.ph/covid19> tracker). How do you give the approximate number of COVID-19 cases in the nearest thousands?
3. How do you estimate the amount in nearest ten thousands of the ₱125 870 donations that a certain barangay received?
4. If ₱61 753 worth of canned goods were donated in a certain city, how do you estimate the

A. Choose the arrow of the correct answer when each number is rounded to its underlined digit.

1. 24 782      ↓ 24 000      ↑ 25 000
2. 51 920      ↓ 50 000      ↑ 60 000
3. 47 519      ↓ 47 000      ↑ 48 000
4. 82 812      ↓ 82 000      ↑ 83 000
5. 79 145      ↓ 70 000      ↑ 80 000

#### WHAT I CAN DO:

Read the situation and complete the table below. The Schools District of San Marcelino made a list of their district enrolment from school year 2016-2017 to school year 2020-2021.

|               |        |               |        |
|---------------|--------|---------------|--------|
| 2016 - 2017 : | 19 427 | 2017 - 2018 : | 26 930 |
| 2018 - 2019 : | 28 327 | 2019 - 2020 : | 33 528 |
| 2020 - 2021 : | 32 879 |               |        |

Copy and round off to the nearest thousands and ten thousands the school population for each school year.

| School Year | School Population | Thousands | Ten Thousands |
|-------------|-------------------|-----------|---------------|
| 2016 - 2017 |                   |           |               |
| 2017 - 2018 |                   |           |               |
| 2018 - 2019 |                   |           |               |
| 2019 - 2020 |                   |           |               |
| 2020 - 2021 |                   |           |               |

#### ASSESSMENT:

A. Round each number to the nearest thousands.

1. 37 823 \_\_\_\_\_
2. 98 528 \_\_\_\_\_

customers. About how many thousands of food packs were delivered to their customers?

**WHAT’S IN:**

Do you remember how to round numbers to the nearest tens and hundreds? Below are some examples.

**Rounding numbers to the nearest tens**  
Examples: 53 → 50    57 → 60

**Rounding numbers to the nearest hundreds**  
Examples: 346 → 300    692 → 700

Help Jayson round each number on the balloons.

Round each number to the nearest hundreds.

2 524 457 874 1 658 917

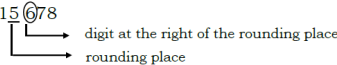
Round each number to the nearest tens.

1 578 6121 3711 2 910

A

B

digits to the right of the rounding digit to zero.



Let us go over again,

- ✓ The underlined digit 5 is the digit at the rounding place.
- ✓ 6 is the digit at the right of the rounding place.
- ✓ Since 6 belongs to 5-9 group of numbers (5 or greater than 5), add one to the digit at the rounding place (add 1 to 5).
- ✓ Then change all the digit at the right of the rounding place value to zero.

6 000  
15 678 16 000

✓ Therefore, 16 678 when rounded to the nearest thousands is 16 000.

Answer: About 16 000 balloons were delivered at the end of the week.

Let's study these examples.

| Number | Rounded to the nearest |               |
|--------|------------------------|---------------|
|        | Thousands              | Ten Thousands |
| 93 856 | 94 000                 | 90 000        |
| 36 410 | 36 000                 | 40 000        |
| 20 917 | 21 000                 | 20 000        |
| 42 739 | 43 000                 | 40 000        |
| 81 357 | 81 000                 | 80 000        |

amount in the nearest ten thousands?

5. If 198 204 households in a province that followed the Enhanced Community Quarantine guidelines will be given recognition for their cooperation, around how many hundred thousand households are going to be recognized for their cooperation?

**Activity 2**  
Round each number to the place value of the underlined digit.

1. 35 982 \_\_\_\_\_

2. 82 562 \_\_\_\_\_

3. 87 567 \_\_\_\_\_

4. 34 673 \_\_\_\_\_

5. 67 436 \_\_\_\_\_

3. 43 106 \_\_\_\_\_

4. Sorsogon City received 24 142 kilos of rice donations from private individuals. About how many thousand kilos of rice were donated to the city?

5. For one year, the district of Bacon in Sorsogon City planted 78 639 mahogany seedlings. Estimate, in thousands, the mahogany seedlings planted.

B. Round each number to the nearest ten thousands.

6. 67 345 \_\_\_\_\_

7. 32 649 \_\_\_\_\_

8. 94 205 \_\_\_\_\_

9. The Mabini National High School has a total of 16 592 volunteers for Brigada Eskwela. Round 16 592 to the nearest ten thousands.

10. There are 72 671 boxes of sardines to be distributed in a certain province. What is 72 671 if rounded off to the nearest ten thousands?

|                                                             |  |  |  |  |  |
|-------------------------------------------------------------|--|--|--|--|--|
| I. REMARKS                                                  |  |  |  |  |  |
| II. REFLECTION                                              |  |  |  |  |  |
| A. No. of learner who earned 80%                            |  |  |  |  |  |
| B .No. of learner who scored below 80% ( needs remediation) |  |  |  |  |  |

|                                                                                                     |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------|--|--|--|--|--|
| C. No. of learners who have caught up with the lesson                                               |  |  |  |  |  |
| D. No of learner who continue to require remediation                                                |  |  |  |  |  |
| E. Which of my teaching strategies work well? Why?                                                  |  |  |  |  |  |
| F. What difficulties did I encounter which my principal /supervisor can help me sove?               |  |  |  |  |  |
| G. What innovation or localized materials did I use/discover which I wish to share w/other teacher? |  |  |  |  |  |