

Lesson Plan

Grade: Four

Subject: Math

Term: 2nd

Time: 40mins

Teacher's Name: _____

Week: 8

Day: 1

Unit 4: Decimals

Topic: Division of Decimals

Student Learning Outcomes:

At the end of this period, the students will be able to:

- Divide a 2-digit number with 1-decimal place by a 1-digit number.

Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: How we can multiply a decimal number by 10, 100, 1000 and a 1-digit number?
- Take their responses and appreciate them for their correct response.

Teaching & Learning Activities:

25mins

- Tell them that today they are going to learn about division of decimals. write the statement of the board: A man covered a distance of 6.6km in 3 minutes by car. Find how much distance covered in one minute?
- Instruct them to read the statement and tell what is given and what we have to find? Take their responses and tell them distance covered in one minute. For this, we have to divide 6.6 by 3. Now divide step by step and explain each step to them.
- Ask students to write a decimal number and a 1-digit number. Then divide the decimal number by a whole number. Roam around the class, check their work and guide them if required.

Distance covered = 6.6km

Total Time = /3

Distance covered in one minute = 66/3

$$\begin{array}{r} 2.2 \\ 3 \overline{) 6.6} \\ \underline{6} \\ 6 \\ \underline{6} \\ 0 \end{array}$$

Review:

3mins

Revise the lesson by telling students how we can divide a decimal number by a 1-digit number by solving examples on the board. Tell them how to place the decimal point in the quotient after division.

Evaluation:

5mins

To assess the students learning, ask them to solve Q2 (i – iv) of exercise 4.4 in their notebooks. Roam around, check their work and guide them if required.

Homework:

2mins

Solve Q2 (v - viii) of exercise 4.4.

Lesson Plan

Grade: Four

Subject: Math

Term: 2nd

Time: 40mins

Teacher's Name: _____

Week: 8

Day: 2

Unit 4: Decimals

Topic: Rounding off Numbers

Student Learning Outcomes:

At the end of this period, the students will be able to:

- Round off a whole number to the nearest 10.

Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook, Worksheet

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: Can you tell how to divide a decimal number by a whole number?
- Take their responses and appreciate them for their correct response.

Teaching & Learning Activities:

25mins

- Tell the students that today they are going to learn about rounding off numbers to the nearest ten. Write the statement: "The mass of the diary book is 32 grams. Round off this mass to the nearest 10."
- Tell students we want to find the approximate mass of the diary book that is easier to work with. Ask them to look at the number 32, the digit 3 is in the tens place. Tell them that we circle the number 3 and underline the next smaller place digit which is 2. Ask them to observe the number 2 as it is less than 5. So, we leave the digit 3 as it is and replace the digit with 0 to the right of the 3. Now round off 32 to the nearest 10 which is 30.
- Write the number 176 on the board and tell them to round off this number to the nearest 10. So, first look at the digit at the tens place that is 7 and circle it. Now underline the next smaller place digit which is 6.
- Ask them to observe the digit 6 as it is greater than 5. So, we add 1 to the circled digit 7 and replace the digits to the right of 7 with 0. Thus, 176 rounded off to the nearest 10 is 180.

Review:

3mins

Revise the lesson by telling students about the rules to rounding off numbers to the nearest 10.

Evaluation:

5mins

To assess the students learning, ask them to solve Q1 of exercise 4.5. Roam around, check their work and guide them if required.

Homework:

2mins

Revise the classwork.

Lesson Plan

Grade: Four

Subject: Math

Term: 2nd

Time: 40mins

Teacher's Name: _____

Week: 8

Day: 3

Unit 4: Decimals

Topic: Rounding off Numbers

Student Learning Outcomes:

At the end of this period, the students will be able to:

- Round off a whole number to the nearest 100.

Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: How can we round off a whole number to the nearest 10?
- Take their responses and appreciate them for their correct answer.

Teaching & Learning Activities:

25mins

- Tell the students that today they are going to learn about rounding off numbers to the nearest 100. Write the statement: "Maha saved Rs 7651 from her pocket money. Round off the given numbers to the nearest 100."
- Tell students we want to find the approximate value of money that is easier to work with. Ask them to look at the number 7651; the digit 6 is in the hundred places.
- Tell them that we circle the number 6 and underline the next smaller place digit which is 5. Ask them to observe the digit 5 as it is equal to 5.
- Tell them that when the digit is greater than or equal to 5, we add 1 to the hundreds place digit and replace the digit with 0 to the right of the 6. So, round off 7651 to the nearest 100 which is 7700.

Review:

3mins

Revise the lesson by telling students about the rules to rounding off numbers to the nearest 100. Tell them that rounding off means to keep the value of a number closer to its original value.

Evaluation:

5mins

To assess the students learning, ask them to solve Q1 of exercise 4.5. Roam around, check their work and guide them if required.

Homework:

2mins

Revise the classwork and solve given worksheet.

Name: _____

Date: _____

1. Round off the following to the nearest 100.

(i) **641**

(ii) **3768**

(iii) **1034**

(iv) **3457**

Lesson Plan

Grade: Four

Subject: Math

Term: 2nd

Time: 40mins

Teacher's Name: _____

Week: 8

Day: 4

Unit 4: Decimals

Topic: Rounding off Numbers

Student Learning Outcomes:

At the end of this period, the students will be able to:

- Round off a whole number to the nearest 1000.

Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook, Worksheet

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: How can we round off whole numbers to the nearest 100?
- Take their responses and appreciate them for their correct answer.

Teaching & Learning Activities:

25mins

- Tell the students that today they are going to learn about rounding off numbers to the nearest 1000.
- Ask students to learn about the rules of rounding off to the nearest 1000.
- Write the number 98,682 on the board and tell them to round off this number to the nearest 1000. So, first look at the digit at the thousands place that is 8 and circle it.
- Now underline the next smaller place digit which is 6. Ask them to observe the digit 6 as it is greater than 5. We add 1 to the thousands place digit and replace the digit with 0 to the right of the 8. So, 98,682 rounded off to the nearest 1000 is 99000.

Review:

3mins

Sum up the lesson by telling students about the rules to rounding off numbers to the nearest 1000.

Evaluation:

5mins

To assess the students learning, ask them to solve Q1 of exercise 4.5. Roam around, check their work and guide them if required.

Homework:

2mins

Solve the given worksheet.

Name: _____

Date: _____

1. Round of the following to the nearest 1000.

2457**14,212****82,312****34,561**

Lesson Plan

Grade: Four

Subject: Math

Term: 2nd

Time: 40mins

Teacher's Name: _____

Week: 8

Day: 5

Unit 4: Decimals

Topic: Rounding off Decimal Numbers

Student Learning Outcomes:

At the end of this period, the students will be able to:

- Round off decimal (with 1- or 2-decimal places) to the nearest whole number.

Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Write the number 3456 on the board. Ask students to round off the given number to the nearest 10, 100 and 1000. Roam around the class, check their work and appreciate them for their good work.

Teaching & Learning Activities:

25mins

- Tell student today we will learn about rounding off decimals to the nearest whole number.
- Tell them that to round off a decimal to the nearest whole number, we look at the digit at the tenths place. If the digit at the tenths place of the decimal is less than 5, do not change the whole number part and only remove the decimal part. If the tenths place of the decimal is greater than or equal to 5, then add 1 to the whole number part and remove the decimal part.
- Now write 6.82 on the board. Ask students to observe the tenths place digit which is greater than 5. So, we add 1 to the whole number 6 and remove the decimal part. That is $6.82 \approx 7$.
- Ask students to open their textbooks to page 77 and solve the examples in their notebooks. Roam around the class, check their work and guide them if required.

Review:

3mins

Revise the lesson by explaining to students the rules to round off decimals to the nearest whole number also tell them that the symbol \approx is used for approximation

Evaluation:

5mins

To evaluate the students learning, ask them solve Q2 of exercise 4.5 in their notebooks.

Homework:

2mins

Revise the classwork.

Lesson Plan

Grade: Four	Subject: Math	Term: 2 nd	Time: 40mins
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Teacher's Name: _____	Week: 8	Day: 6
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Unit 4: Decimals	Topic: Summary and Review Exercise
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Student Learning Outcomes:

At the end of this period, the students will be able to:

- Recall the concepts of the whole unit.

Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Tell students that they are going to recall all the concepts of the Unit "Decimals".
- Ask them a few questions to let them revise the basic concepts:
- Ask students: How can we convert a decimal to a fraction and a fraction to a decimal?
- How can we add and subtract decimal numbers?
- Take their responses and appreciate them for their correct answers.

Teaching & Learning Activities:

25mins

- Have students to open pages 70 of their textbooks.
- Ask them to solve Q1, Q2 and Q3 of "Review Exercise" in their notebooks.
- Walk around the class and appreciate them for the correct solutions. Guide them if required.

Review:

3mins

Sum up the lesson by repeating the summary of the unit.

Evaluation:

0mins

N/A

Homework:

2mins

Solve Q4 to Q6 of Review Exercise in their notebooks.