

# Lesson Plan

Grade: Five

Subject: Math

Term: 2<sup>nd</sup>

Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 5

Day: 1

Unit 4: Decimals Numbers and Percentage

Topic: Converting fractions to percentage

## Student Learning Outcomes:

- Convert percentage to fraction and to decimal number and vice versa (only for numbers without decimal part i.e., 35%, 75% etc.)

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

## Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students to tell how we can convert fraction to percentage. Ask them to convert  $\frac{3}{4}$  into percentage.
- Roam around the class and check.

## Teaching and Learning Activities:

20mins

- Tell students today we will learn about conversion of percentage to fraction.
- Tell them that when we convert percentage to fraction first remove the % symbol and write 100 in the denominator.
- Write 45% on the board and then convert it into fraction remove the percentage symbol and write 100 to the denominator of 45 as"
- $45\% = \frac{45}{100} = \frac{9}{20}$
- Have students to open their textbook page 60 and solve the examples given at page in their notebooks. Roam around the class, check their work and discuss with them their common mistakes.

## Review:

3mins

Retell students the steps to convert percentage to fraction by solving examples on the board.

## Evaluation:

10min

To evaluate the student learning ask them to solve "Q1(i-iii) of Exercise 4.9 in their notebooks. Roam around the class, check their work and guide them if required.

## Homework:

2min

Solve Q1(iv-vi) of Exercise 4.9 in their notebooks.

# Lesson Plan

Grade: Five

Subject: Math

Term: 2<sup>nd</sup>

Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 5

Day: 2

Unit 4: Decimals Numbers and Percentage

Topic: Converting Decimal to percentage

## Student Learning Outcomes:

- Convert percentage to fraction and to decimal number and vice versa (only for numbers without decimal part i.e., 35%, 75% etc.)

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

## Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students about their homework. Ask students: how we can convert percentage to fraction and vice versa take their responses and appreciate them for their correct answer.

## Teaching and Learning Activities:

20mins

- Tell students today we will learn about conversion of decimal to percentage. Write a decimal 0.83 on the board and tell them that now we convert 0.83 into percentage. First convert 0.83 into fraction and then multiply it 100.  
$$0.83 = \frac{83}{100} \times 100\% = 83\%$$
- Have student to open their textbook page 60. Ask students to solve example 1, 2 and 3 in their notebooks.
- Roam around the class, check their work and guide them if required.

## Review:

3mins

Revise the lesson by repeating the steps to convert decimals to percentage by solving different examples on the board.

## Evaluation:

10min

To check the student learning ask them to solve Q4(i-iii) of Exercise 4.9 in their notebooks. Roam around the class, check their work and guide them if required.

## Homework:

2min

Solve Q4 (iv-vi) of Exercise 4.9 in their notebooks.

# Lesson Plan

Grade: Five

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Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 5

Day: 3

Unit 4: Decimals Numbers and Percentage

Topic: Revision

## Student Learning Outcomes:

- Compare numbers up to 3-digit with 2 decimal places using signs  $<$ ,  $>$  or  $=$ .
- Arrange numbers up to 3-digit numbers with decimal places in ascending and descending order.

## Resource Material:

Worksheet

## Teaching and learning Activities:

10mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Tell students today they are going to revise the chapter. So that they can easily prepare for exams.
- Ask students to revise the topics. Guide them if needed.
- Now arrange them, and distribute worksheets among them.
- Ask them to solve worksheet on time.

## Review:

10mins

Check student's worksheet and correct their mistakes.

## Evaluation:

0mins

N/A

## Homework:

0mins

N/A

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

Subject: Math

Topic Name: Revision

Compare each pair of decimals using the symbol  $<$ ,  $>$  or  $=$ .

1.  $43.5$    $43.5$

2.  $18.49$    $19.9$

3.  $21.75$    $21.75$

4.  $4.63$    $4.63$

5.  $5.17$    $5.17$

6.  $10.35$    $10.35$

7.  $47.31$    $47.31$

8.  $25.6$    $25.6$

1. Write the following decimals in ascending and descending order.

a)  $4.2$ ,  $4.6$ ,  $3.8$

A: \_\_\_\_\_

D: \_\_\_\_\_

b)  $0.2$ ,  $0.18$ ,  $0.02$

A: \_\_\_\_\_

D: \_\_\_\_\_

c)  $32.8$ ,  $20.8$ ,  $37.5$ ,  $28.7$

A: \_\_\_\_\_

D: \_\_\_\_\_

d)  $14.78$ ,  $46.1$ ,  $14.8$ ,  $32.32$

A: \_\_\_\_\_

D: \_\_\_\_\_

# Lesson Plan

Grade: Five

Subject: Math

Term: 2<sup>nd</sup>

Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 5

Day: 4

Unit 4: Decimals Numbers and Percentage

Topic: Revision

## Student Learning Outcomes:

- Add and subtract 4-digit numbers up to 3 decimal places.
- Multiply a 3-digit number up to 2 decimal places by 10,100,1000.
- Multiply a 3-digit number up to 2 decimal places by whole number up to 2-digit.

## Resource Material:

Worksheet

## Teaching and learning Activities:

10mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Tell students today they are going to revise the chapter. So that they can easily prepare for exams.
- Ask students to revise the topics. Guide them if needed.
- Now arrange them, and distribute worksheets among them.
- Ask them to solve worksheet on time.

## Review:

10mins

Check student's worksheet and correct their mistakes.

## Evaluation:

0mins

N/A

## Homework:

0mins

N/A

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

Subject: Math

Topic Name: Revision

## 1. Solve the following.

$$\begin{array}{r} 1) \quad 3.7 \\ + 8.5 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 24.4 \\ + 7.7 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 85.8 \\ + 46.9 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 39.02 \\ + 84.1 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 55.6 \\ + 7.12 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 9.2 \\ - 4.6 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 88.5 \\ - 5.8 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 909.4 \\ - 89.7 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 53.18 \\ - 7.069 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 284.61 \\ - 35.9 \\ \hline \end{array}$$

## 2. Solve the following.

$$\begin{array}{r} (i) \quad 5.1 \\ \times 3.7 \\ \hline \hline \end{array}$$

$$\begin{array}{r} (ii) \quad 10.2 \\ \times 11.2 \\ \hline \hline \end{array}$$

$$\begin{array}{r} (iii) \quad 4.36 \\ \times 0.02 \\ \hline \hline \end{array}$$

$$\begin{array}{r} (iv) \quad 1.25 \\ \times 8.0 \\ \hline \hline \end{array}$$

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Teacher's Name: \_\_\_\_\_

Week: 5

Day: 5

Unit 4: Decimals Numbers and Percentage

Topic: Revision

## Student Learning Outcomes:

- Divide a 3-digit number up to 2-decimal places by 10,100 and 1000.
- Divide a 3-digit number up to 2-decimal places by a whole number up to 2-digits.
- Divide a 3-digit number to 2-decimal places by 3-digit number up to 2-decimal place.
- Convert fraction to decimals using division.
- Solve real-life situation involving division of 3-digit number up to 2-decimal places.

## Resource Material:

Worksheet

## Teaching and learning Activities:

10mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Tell students today they are going to revise the chapter. So that they can easily prepare for exams.
- Ask students to revise the topics. Guide them if needed.
- Now arrange them, and distribute worksheets among them.
- Ask them to solve worksheet on time.

## Review:

10mins

Check student's worksheet and correct their mistakes.

## Evaluation:

0mins

N/A

## Homework:

0mins

N/A

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

Subject: Math

Topic Name: Revision

1. Solve the following.

$$10 \overline{) 5.130}$$

$$1000 \overline{) 15.75}$$

$$70 \overline{) 9.22}$$

$$3.6 \overline{) 6.12}$$

$$8.8 \overline{) 8.88}$$

$$0.3 \overline{) 2.55}$$

$$100 \overline{) 0.75}$$

$$7 \overline{) 3.92}$$

$$16 \overline{) 1.06}$$



# Lesson Plan

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Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 5

Day: 6

Unit 4: Decimal Numbers and Percentage

Topic: Revision

## Student Learning Outcomes:

- Round off a 4-digit number up to 3-decimal places to the nearest tenth or hundredth.
- Estimate sum or difference of the numbers (up to 4-digit).
- Recognize percentage as a special kind of fraction.
- Convert percentage to fraction and to decimal number and vice versa (only for numbers without decimal part i.e., 35%, 75% etc.)
- Solve real-life situation involving percentage.

## Resource Material:

Worksheet

## Teaching and learning Activities:

10mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Tell students today they are going to revise the chapter. So that they can easily prepare for exams.
- Ask students to revise the topics. Guide them if needed.
- Now arrange them, and distribute worksheets among them.
- Ask them to solve worksheet on time.

## Review:

10mins

Check student's worksheet and correct their mistakes.

## Evaluation:

0mins

N/A

## Homework:

0mins

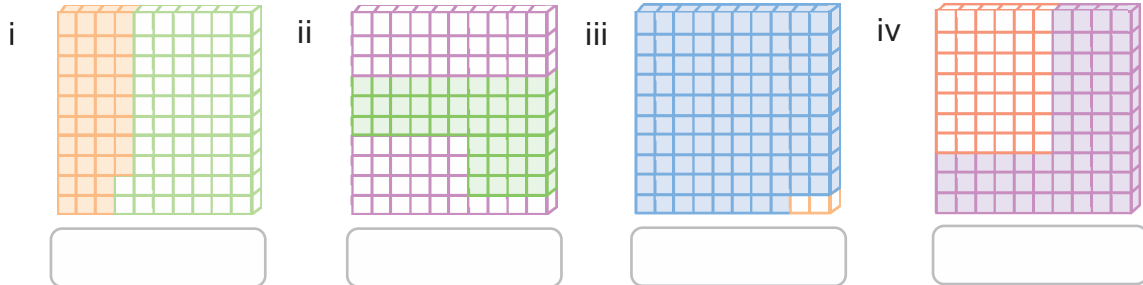
N/A

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

Subject: Math

Topic Name: Revision

1. Write the percentage of the colored parts for each grid.



2. Convert following percentage into decimals.

