Lesson Plan

Grade: Five	**Subject:** Math	**Term:** 3rd	**Time:** 40mins

Teacher's Name: _____	**Week:** 7	**Day:** 1

Unit 8: Perimeter and Area	**Topic:** Perimeter of Rectangle

Student Learning Outcomes:

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

- Find and apply formulas to find perimeter of a rectangular region.
- Solve real life situations involving perimeter of a rectangular region.

Resource Material:

Chalk / Marker, White /Blackboard, Math Textbook, Flash card of rectangles of different length and widths

Warm-up Activities: 5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students how we can find the perimeter of square? Draw a square of length 8m on the board. Call a student to the front of the class and ask him/her to find the perimeter of the square. Take his/her responses and appreciate them for their correct working.

Teaching & Learning Activities: 25mins

- Tell students today we will find the perimeter of the rectangle.
- Draw a rectangle on the board and point out towards its sides and tell them that as the length of opposite sides are equal in length so name the length with "ℓ" and name its width with letter "ω". Tell them that as we know that the perimeter of any shape is the sum of the length of all its sides.
- Perimeter of rectangle = $\ell + \ell + \omega + \omega = 2\ell + 2\omega = 2(\ell + \omega)$
- Now draw a rectangle of length 3 cm and width 5 cm on the board and find its perimeter step by step and explain each step to students.
- Make small groups of students and give each student three flash cards of different lengths and widths of rectangle.
- Instruct them to find the perimeter of these rectangles by using formula. Roam around the class, check their work and guide them if required.

Review: 3mins

Revise students how we can find the perimeter of the rectangle by using formula by solving different examples on the board.

Evaluation: 5mins

To check the students, ask them to solve Q2 (i – iii) of Exercise 8.1 in their textbooks.

Homework: 2mins

Solve Q1 (iv – vi) of Exercise 8.1 in their textbooks.

Lesson Plan

Grade: Five	Subject: Math	Term: 3rd	Time: 40mins

Teacher's Name: _____	Week: 7	Day: 2

Unit 8: Perimeter and Area	Topic: Perimeter of Rectangle

Student Learning Outcomes:

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

- Find and apply formulas to find perimeter of a rectangular region.
- Solve real life situations involving perimeter of a rectangular region.

Resource Material:

Chalk / Marker, White /Blackboard, Math Textbook

Warm-up Activities: 5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask them how we find the perimeter of the rectangle? Take their responses and tell them that perimeter of the rectangle is the boundary around the rectangle. Appreciate them for their correct answer.

Teaching & Learning Activities: 25mins

- Write the statement "Dua has a rectangle shape mat of length 7 m and of width 4 m. What is the perimeter of the rectangle shape mat on the board?"
- Instruct students to read the statement of the question and tell what is given and what we have to find. Take their responses and tell them that length and width of the mat is given and we have to find the perimeter of the rectangle mat.
- Ask students to tell: what is the formula to find the perimeter of the rectangle?
- Call a student to the front of the class and ask him/her to write the formula to find the perimeter of the rectangle. Take his/her response and appreciate them for writing correct formula. Now find the perimeter of rectangle mat step by step by using formula and explain each step to them.

Review: 3mins

Review students how we can find the perimeter of the rectangle by using formula by solving example on the board.

Evaluation: 5mins

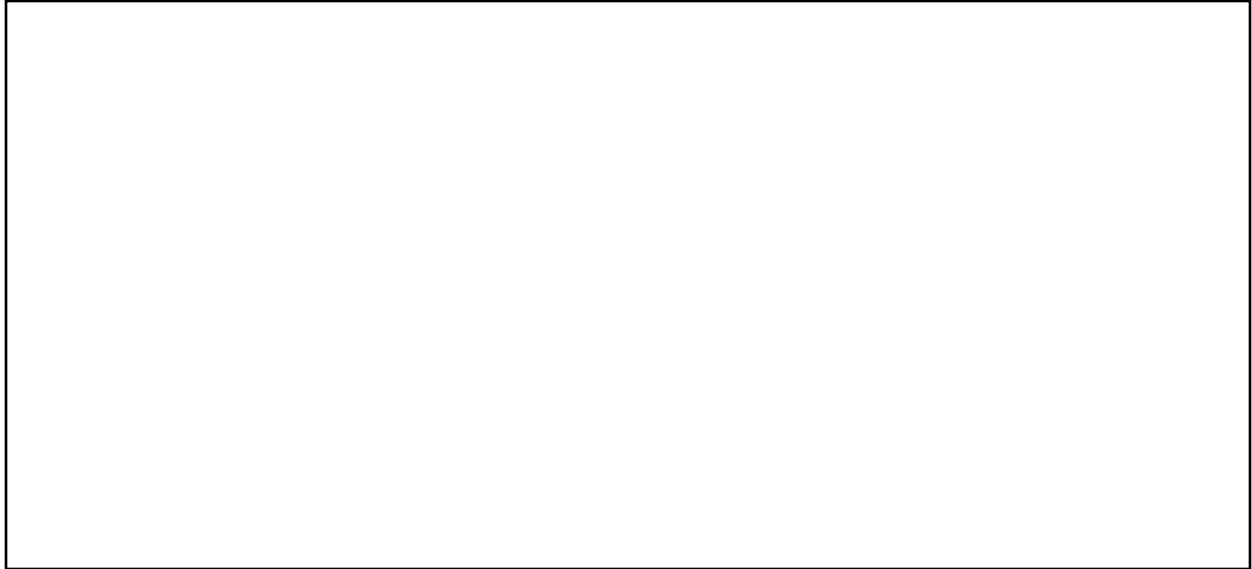To check the students, ask them to how we can find the perimeter of a square.

Homework: 2mins
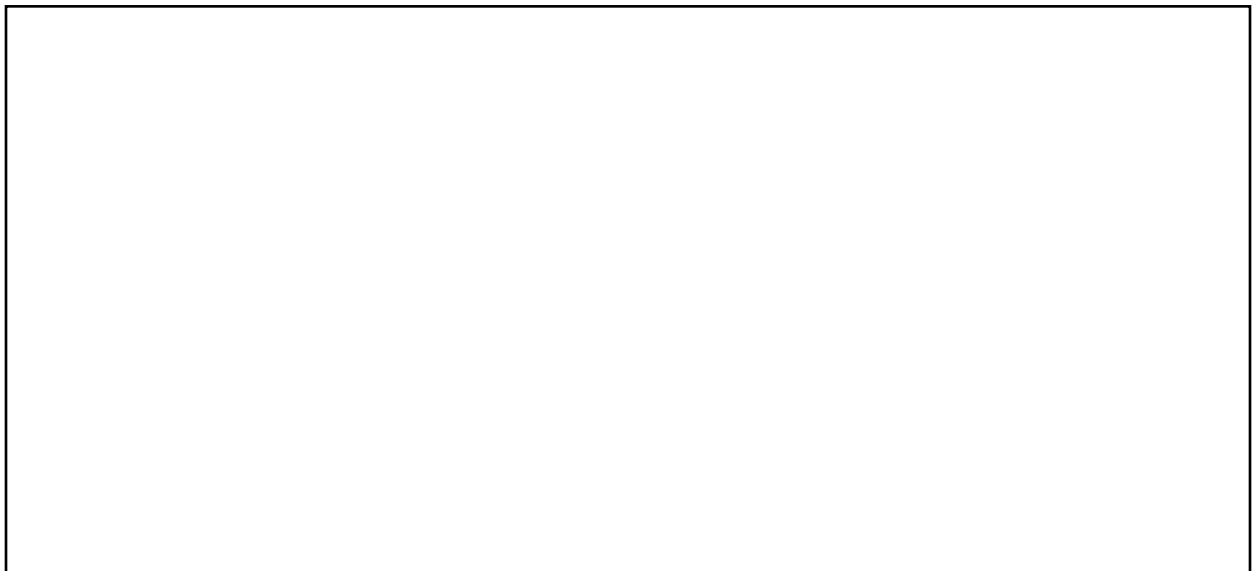
Revise the classwork and solve given worksheet.

Name: _____ **Date:** _____

Q1. Let's find the perimeter of rectangle whose length is 6cm and width is 3cm.

Q2. Find the perimeter of a door whose length is 180cm and width is 100cm.

Lesson Plan

Grade: Five	**Subject:** Math	**Term:** 3rd	**Time:** 40mins

Teacher's Name: _____	**Week:** 7	**Day:** 3

Unit 8: Perimeter and Area	**Topic:** Area of Rectangle

Student Learning Outcomes:
At the end of this period, the students will be able to:
- Find and apply formulas to find perimeter of a rectangular region.
- Solve real life situations involving perimeter of a rectangular region.

Resource Material:
Chalk / Marker, White /Blackboard, Math Textbook, Flash card of rectangles of different length and widths

Warm-up Activities: 5mins
- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students how we can find the perimeter of rectangle? Draw a rectangle of length 6 cm and width of 3 cm. Call a student to the front of the class and ask him/her to find the perimeter of the rectangle. Take his/her responses and appreciate them for their correct working.

Teaching & Learning Activities: 25mins
- Tell students today we will find the area of the rectangle.
- Draw a rectangle on the board and point out towards its sides and tell them that as the length of opposite sides are equal in length so name the length with capital letter "ℓ" and name its width with capital letter "ω".
- Tell them that as we know that the area of any shape is the space enclosed by any shape so we get the area of the rectangle by multiplying its length by its width. Area of rectangle = $\ell \times \omega$
- Now draw a rectangle of length 9 cm and width 7 cm on the board and find its area step by step and explain each step to students.
- Make small groups of students and give each student three flash cards of different lengths and widths of rectangle.
- Instruct them to find the area of these rectangles by using formula. Roam around the class, check their work and guide them if required.

Review: 3mins
Review the lesson by telling students how we can find the area of the rectangle by using formula. Ask students to open their textbook page 117 and observe the square and formula to find the area of the rectangle.

Evaluation: 5mins
To assess the students, ask them to solve Q2 (i – iii) of Exercise 8.2 in their textbooks.

Homework: 2mins

Solve Q2 (iv – vi) of Exercise 8.2 in their textbooks.

Lesson Plan

Grade: Five	Subject: Math	Term: 3rd	Time: 40mins

Teacher's Name: _____	Week: 7	Day: 4

Unit 8: Perimeter and Area	Topic: Area of the Rectangle

Student Learning Outcomes:

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

- Find and apply formulas to find perimeter of a rectangular region.
- Solve real life situations involving perimeter of a rectangular region.

Resource Material:

Chalk / Marker, White /Blackboard, Math Textbook

Warm-up Activities: 5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students to find the area of the square by using formula. Take their responses and appreciate them for their correct working.

Teaching & Learning Activities: 25mins

- Write the statement "The length of the Alia's room is 12m and width of the room is 8m. What is the area of the room on the board?
- Instruct students to read the statement of the question and tell what is given and what we have to find. Take their responses and tell them that length and width of the room is given and we have to find the area of the room.
- Ask students to tell: What is the formula to find the area of the rectangle?
- Call a student to the front of the class and ask him/her to write the formula to find the area of the rectangle.
- Take his/her response and appreciate them for writing correct formula. Now find the area of the rectangular room step by step by using formula and explain each step to them.

Review: 3mins

Revise the lesson by telling students how we can find the area of the rectangle.

Evaluation: 5mins

To evaluate the students, ask them to solve Q3, Q4 of Exercise 8.2 in their textbooks.

Homework: 2mins

Solve Q5 of Exercise 8.2 in their textbooks.

Lesson Plan

Grade: Five	**Subject:** Math	**Term:** 3rd	**Time:** 40mins

Teacher's Name: _____	**Week:** 7	**Day:** 5

Unit 8: Perimeter and Area	**Topic:** Summary and review Exercise

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 "Perimeter and area".
- Ask them the following to let them revise the basic concepts of perimeter and area: "What is meant by closed region?"
- Give some examples of figures of closed region? Take their responses and appreciate them for their correct answer.

Teaching & Learning Activities: 30mins

- Have students open pages 119 of their textbooks. Ask them to solve Q1 in their textbook and Q2 of "Review Exercise" in their notebooks. Walk around the class and appreciate them for the correct solutions. Guide them if required.

Review: 3mins

Revise the lesson by repeating the summary of the unit.

Evaluation: 0mins

N/A

Homework: 2mins

Solve Q3 of Review Exercise.

Lesson Plan

Grade: Five	**Subject:** Math	**Term:** 3rd	**Time:** 40mins

Teacher's Name: _____	**Week:** 7	**Day:** 6

Unit 8: Perimeter and Area	**Topic:** Summary and review Exercise

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 "perimeter and area".
- Ask them the following to let them revise the basic concepts of perimeter and area: "How we can find the perimeter of square?"
- How can we find the area of the square shape? Take their responses and appreciate them for their correct answer.

Teaching & Learning Activities:	**30mins**

- Have students open pages 119 of their textbooks. Ask them to solve Q4 and Q5 of "Review Exercise" in their notebooks. Walk around the class and appreciate them for the correct solutions. Guide them if required.

Review:	**3mins**

Revise the lesson by repeating the summary of the unit.

Evaluation:	**0mins**

N/A

Homework:	**2mins**

Solve Q6 to Q10 of Review Exercise in their textbooks.