Student Name: _____	**Class:** _____
Student ID: _____	**Date:** _____

Assessment Details

Duration: 1 hour	**Total Marks:** 50
Topics Covered:	• Partitioning Two-Digit Numbers • Addition within 100 • Place Value

Instructions to Students:

1. Read all questions carefully before attempting.
2. Show all working out - marks are awarded for method.
3. Write your answers in the spaces provided.
4. If you need more space, use the additional pages at the end.
5. Time management is crucial - allocate approximately 1 minute per mark.

Section A: Multiple Choice [10 marks]

Question 1 [2 marks]

What is the purpose of partitioning two-digit numbers in addition?

A) To make the numbers smaller

B) To make the numbers larger

C) To break down the numbers into tens and ones

D) To add the numbers together

Question 2 [2 marks]

If you have 45 + 27, how would you partition the numbers?

A) 40 + 5 + 20 + 7

B) 40 + 5 + 30 + 7

C) 50 + 5 + 20 + 7

D) 50 + 5 + 30 + 7

Question 3 [2 marks]

What is the result of 56 + 24 when partitioned into tens and ones?

A) 60 + 10 + 6 + 4

B) 50 + 6 + 20 + 4

C) 60 + 6 + 20 + 4

D) 50 + 10 + 6 + 4

Section B: Fill-in-the-Blank [10 marks]

Question 4 **[2 marks]**

When adding two-digit numbers, it is helpful to break down the numbers into _____ and _____.

Question 5 **[2 marks]**

The number 75 can be partitioned into _____ tens and _____ ones.

Question 6 **[2 marks]**

If you have 43 + 19, the partitioned form would be _____ + _____ + _____ + _____.

Section C: Short Answer [20 marks]

Question 7 [5 marks]

Explain the concept of partitioning two-digit numbers for addition. Provide an example to support your explanation.

Question 8 [5 marks]

Solve the problem 67 + 35 using partitioning. Show your work and explain your reasoning.

Question 9 [5 marks]

How does understanding place value help when adding two-digit numbers? Provide an example to support your explanation.

Section D: Activities [10 marks]

Question 10 [5 marks]

Partition the following numbers into tens and ones:

- 54
- 27
- 93

Question 11 [5 marks]

Use partitioning to solve the following addition problems:

- 45 + 27
- 67 + 19
- 75 + 24

Conclusion

Take a few minutes to review your work and reflect on what you have learned about partitioning two-digit numbers for addition. Think about how you can apply this concept to solve more complex addition problems.

Assessment Rubric

The assessment will be marked based on the following criteria:

- Multiple Choice Questions: 1 point for each correct answer
- Fill-in-the-Blank Questions: 2 points for each correct answer
- Short Answer Questions: 5 points for each correct answer, with 2 points for explanation and 3 points for correct calculation

Additional Resources

For students who require extra support:

- Use a graphic organizer to help break down numbers into tens and ones
- Provide one-on-one support during the assessment
- Allow students to use a hundreds chart to help with place value

For students who require a challenge:

- Provide additional short answer questions that require more complex calculations
- Ask students to create their own word problems using partitioning
- Encourage students to explain their reasoning and provide examples to support their answers

Success Criteria

The success criteria for this assessment are:

- Students can explain the concept of partitioning two-digit numbers for addition
- Students can apply partitioning to solve two-digit addition problems
- Students can break down numbers into tens and ones for calculation
- Students can demonstrate an understanding of place value in addition within 100