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

Assessment Details

Duration: 2 hours	**Total Marks:** 100
Topics Covered:	• Introduction to 6th Grade Math • Icebreaker Activities • Team-Building Activities • Assessment and Evaluation

Instructions to Students:

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

Icebreaker Activities

Activity 1 [10 marks]

Math-themed Human Bingo: Find someone who fits each of the following descriptions and get them to sign the corresponding square.

Has used a calculator before	_____
Has a favorite math topic	_____
Can solve a simple math problem in their head	_____

Activity 2 [10 marks]

The Math Teacher's Challenge: Work in pairs or small groups to solve the following math problems:

1. 2x + 5 = 11
2. 7 - 3 = ?
3. 4 x 9 = ?

Activity 3 [10 marks]

Classroom Scavenger Hunt: Find the following math-related items or clues around the classroom:

1. A geometry shape
2. A math textbook
3. A calculator

Team-Building Activities

Activity 4 [15 marks]

Math-themed Escape Room: Work in groups to solve the following math problems to "escape" the room:

1. 5x - 2 = 13
2. 9 + 2 = ?
3. 6 x 8 = ?

Activity 5 [15 marks]

The Math Collaborative Mural: Create a collaborative mural that represents your favorite math concept or topic.

Activity 6 [10 marks]

Math Charades: Act out the following math concepts or vocabulary words without speaking:

1. Equation
2. Variable
3. Geometry

Assessment and Evaluation

Question 1 **[20 marks]**

Self-Assessment: Reflect on your own learning and participation during the activities. Use the following rubric to guide your reflection:

Criteria	Excellent (4)	Good (3)	Fair (2)	Needs Improvement (1)
Participation	Actively participates in all activities, engages with peers, and demonstrates enthusiasm for math.	Participates in most activities, engages with peers, and shows interest in math.	Participates in some activities, engages with peers occasionally, and shows some interest in math.	Does not participate in activities, does not engage with peers, and shows little interest in math.
Teamwork	Collaborates effectively with peers, shares ideas, and supports others.	Collaborates with peers, shares ideas, and supports others most of the time.	Collaborates with peers occasionally, shares ideas sometimes, and supports others rarely.	Does not collaborate with peers, does not share ideas, and does not support others.
Problem-Solving	Demonstrates excellent problem-solving skills, uses math concepts effectively, and explains thinking clearly.	Demonstrates good problem-solving skills, uses math concepts effectively, and explains thinking clearly most of the time.	Demonstrates fair problem-solving skills, uses math concepts occasionally, and explains thinking sometimes.	Does not demonstrate problem-solving skills, does not use math concepts, and does not explain thinking.

Question 2 **[20 marks]**

Peer Feedback: Provide feedback to your peers on their participation and teamwork during the activities.

Marking Guide

Criteria	Excellent (4)	Good (3)	Fair (2)	Needs Improvement (1)
Participation	Actively participates in all activities, engages with peers, and demonstrates enthusiasm for math.	Participates in most activities, engages with peers, and shows interest in math.	Participates in some activities, engages with peers occasionally, and shows some interest in math.	Does not participate in activities, does not engage with peers, and shows little interest in math.
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Problem-Solving	Demonstrates excellent problem-solving skills, uses math concepts effectively, and explains thinking clearly.	Demonstrates good problem-solving skills, uses math concepts effectively, and explains thinking clearly most of the time.	Demonstrates fair problem-solving skills, uses math concepts occasionally, and explains thinking sometimes.	Does not demonstrate problem-solving skills, does not use math concepts, and does not explain thinking.

Conclusion

Congratulations! You have completed the assessment handout. Remember to always participate actively, collaborate with peers, and demonstrate excellent problem-solving skills in math class.