

Student Name \_\_\_\_\_

Class(LSU) \_\_\_\_\_

## **“Creative Equations /Tarsia Project”**

### **Curriculum Fulfillment / Objective:**

- Solve equations by using all four operations’ Properties of Equality.

### **Materials Needed**

- Coloring pencils
- Glue sticks
- Pair of scissors
- A3 Hard cardboard poster
- Projector

### **Directions:**

#### **1- CREATIVE EQUATIONS:**

- a. Create 10 equations using four given numbers.
- b. Solve each equation to find the value of X.
- c. Use the four different operations (addition, subtraction, multiplication and division)

#### **2- EQUATIONS TARSIA:**

- a. In group of two solve the equations, show your work.
- b. Put together the pieces of the Tarsia puzzle to form an octagonal shape.
- c. Color the Tarsia.

### **Grading Rubric**

_____	/5 points	(Behavior and attitude)
_____	/5 points	(Display)
_____	/20 points	(Accuracy and level of difficulty for equations created)
_____	/ 30 points	(Accuracy – Tarsia Puzzle)

**Final Grade: \_\_\_\_\_/60**

### **Teacher’s Comments:**

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# Creative Equations

***Equations Numbers:***

2

3

4

8

9

	<b>x =</b>		<b>x =</b>
	<b>x =</b>		<b>x =</b>
	<b>x =</b>		<b>x =</b>
	<b>x =</b>		<b>x =</b>
	<b>x =</b>		<b>x =</b>

# Equations Tarsia


## RUBRICS

### GRADE 7 PROJECT

	1-2	3-4	5-6	7-8	9-10	score
Display and creativity	<p>The work appears sloppy and unorganized. It is hard to know what information goes together.</p> <p>No color is used at all</p>	<p>The work is hard to read at times.</p> <p>Used a limited amount of color</p>	<p>Information is presented clearly;</p> <p>Project has elements of fun and interest.</p>	<p>The work is presented in a neat and organized fashion.</p>	<p>The work is presented in a neat, clear, organized fashion that is easy to read</p> <p>Colors are well coordinated.</p>	
Behavior and attitude	<p>Did not use class time to focus on the project or often distracted others.</p>		<p>Used some of the time well during each class period. There was some focus on getting the project done but occasionally distracted others.</p>		<p>Used time well during each class period. Focused on getting the project done. Never distracted others.</p>	
Section A: Creative Equations	<p>Equations created are mostly wrong</p>	<p>Some equations created are wrong.</p>	<p>All equations are correct but are at a basic level</p>	<p>All equations are correct and are moderately complex.</p>	<p>All equations are correct and are complex.</p>	
Section A: Tarsia Puzzle	<p>All or most of the pieces are in the wrong place.</p>		<p>Most of the pieces are in the right places.</p>		<p>All the pieces are in the right place.</p>	

## **Self-Assessment**

**Did you find this project easy or difficult?**

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**Indicate the hardest part of the project.**

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**What did you learn from this project? Explain**

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**If you got the chance to change a part of this project, what is it? Why?**

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