

## **Algebra Puzzle Project Algebra I with Seminar**

For your final project you will create a puzzle that must be decoded by solving Algebra problems. You will be assigned the topic for which you will base your project (examples: solving equations, slope, equations of lines, systems, probability, etc.). Extra wrong answers must be included to increase the difficulty of the puzzle. The solution will spell out a word or sentence that will solve a riddle or joke. Sample jokes will be provided that you may borrow for the project.

Your assigned topic: \_\_\_\_\_

### **Criteria for Project:**

- All problems must have numerical answers or all problems must have symbolic expressions-do not mix types of answers!
- A minimum of **twenty problems** must be given for the puzzle.
- The puzzle must be legible, but it is not necessary to type the puzzle.
- The puzzle must include boxes for the correct solution.
- The puzzle must have some picture or graphic.
- A solution page with work must be provided.

### **Grading Rubric:**

• Puzzle sheet	10 pts
• Solution Page	20 pts
• Graphic	5 pts
• Difficulty of questions	3 pts
• Neat, Follows criteria	2 pts
<b>Total:</b>	<b>40 pts</b>

### **Sample Riddles:**

- Q: Why should you look out for a pig that knows karate? A: It might give you a pork chop.
- Q: Why are handcuffs like souvenirs? A: They are made for two wrists.
- Q: What happened to the snowman during the heat wave? A: He made a pool of himself.
- Q: Why did the cow keep jumping over the barrel? A: She was practicing for a moon shot.
- Q: Why did the quiz show give away \$10,000 plus one banana? A: They wanted the prize to have appeal.
- Q: Why is life like a shower? A: One wrong turn and you're in hot water.
- Q: Why did King Kong eat a truck? A: He always wanted a big mack.
- Q: What happens if the Jolly Green Giant steps on your house? A: You will get mushed rooms.
- Q: When is a wrestler "King of the Ring"? A: When he sits on the thrown