math & riddles

PLANET MATH

Hi !

Meet my new friend Math Man! He makes math fun. Solve the problems and test your brain power.

Problem 1

We have slime and we have glitter slime. The first two riddles are done now solve the last.

$$\text{slime} + \text{slime} + \text{slime} = 30$$
$$\text{slime} + \text{glitter slime} + \text{slime} = 34$$
$$\text{slime} \times \text{slime} + \text{glitter slime} = ?$$

How smart are you?

When you've finished the problems, check your answers, then visit us at **rgmags.com/kids** for the full list of answers.

Slime Recipe
for 4oz slime

- 4oz of school glue
- 1tsp of baking soda
- 1tbs of contact solution
- 2 drops of food colouring
- 2tbs of glitter

Problem 2

Math Man wants to make different size slimes for the Planet Math Slime Factory. He has the above recipe and wants to make twenty-five **1** oz slimes and thirty-five **2 oz** slimes. How much of each ingredient will he need? Use the table below to help, glue is already done for you.

	GLUE	BAKING SODA	CONTACT SOLUTION	FOOD COLOURING	GLITTER
1 oz slime	1 ounce				
multiply by 25	25 ounces				
2 oz slime	2 ounces				
multiply by 35	70 ounces				
add totals from 1 oz slime and 2 oz slime	95 ounces of glue				

Problem 3

Use a coin flip to determine the type of slime you would like to make. Use the recipe above.

	FLIP 1	FLIP 2	FLIP 3	FLIP 4	FLIP 5
HEADS	white glue	glitter	1 drop of blue food colouring	1 drop of yellow food colouring	sequins
TAILS	clear glue	foam beads	1 drop of red food colouring	1 drop of green food colouring	no sequins