Name: _____   Date: _____

PART A

A box of cereal contains 72 ounces of Rice Krispies. Paul uses the box to make breakfast for his family. He makes 2 bowls each with 10 ounces of cereal for his parents. He makes 3 bowls each with 8 ounces of cereal for his brothers.

How many ounces of cereal are left in the box after he makes all of the bowls? Show your work or explain your answer.
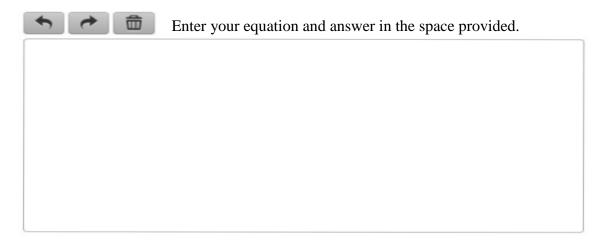
↶ ↷ 🗑   Enter your answer and explanation in the space provided.

PART B

A different box of Cheerios has 54 ounces of cereal. All of the cereal in the box is used to make bowls of cereals for breakfast.

Write an equation to show how many bowls can be filled if each bowl is filled with 9 ounces of cereal. Use b as the unknown number of bowls in your equation.

Enter your equation in the space provided. Then, use the equation to solve the problem.

↶ ↷ 🗑   Enter your equation and answer in the space provided.

ANSWER KEY

**Rubric Part A**
Score	**Description**

2	Student response includes the following 2 elements.
	
	• Computation component = 1 point
	  • Correct answer, 28 ounces.
	• Modeling component = 1 point
	  • Valid work or explanation of the answer.
	
	Sample Student Response:
	
	"A total amount of 28 ounces of cereal are left in the box. To find this, I solved: $3 \times 8 = 24$, $10 \times 2 = 20$, $24 + 20 = 44$, $72 - 44 = 28$."
	
	Or other valid response

1	Student response includes 1 of the above elements.
0	Student response is incorrect or irrelevant.
**Rubric Part B**	
Score	**Description**

2	Student response includes the following components:
	
	• Modeling component = 1 point
	  o An equation, with letter *b* representing unknown, that can be used to find the number of 9-ounce bowls that can be filled.
	• Computation component = 1 point
	  o Correct answer, 6 bowls.
	
	Sample Student Response:
	"$54 \div b = 9$. $b = 6$"
	• **NOTE:** Other valid equations such as $54 \div 9 = b$ or $9 \times b = 54$ will be accepted.
	
	Or other valid response.

1	Student response includes 1 of the above elements.
0	Student response is incorrect or irrelevant.

Glow	Grow