



MATH SCAVENGER HUNT

Second Grade

I. Find **STEM Landing**.

Find the **American flag** inside the Moon Dome.

1. Where did you find it? The _____ Landing

What object did you find it on? _____

2.G.A.1

What shape is the American flag? _____

How many sides does it have? _____

How many angles does it have? _____

2.MD.A.1

Measure the sides. How long are the sides? _____

2.OA.A.1

What is the sum of the lengths of the sides? _____

Was it necessary to measure all four sides in order to find the sum of the lengths? Why or why not? _____

II. Find the vehicles (cars) on the lower level of the Discovery Center.

2. Where did you find them? The _____ Gallery

2.NBT.A.1

Find the **1910 Brush Runabout**.

3. What did it cost when it was first made? _____

What is the value of the 8 in the cost of the car? _____

2.OA.C.3

Find the **1957 Ford Thunderbird**.

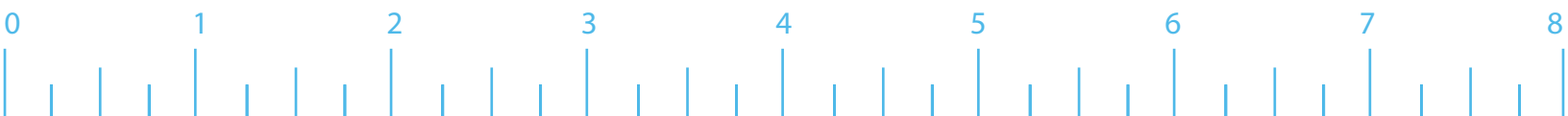
4. What was its maximum speed? _____

Is the maximum speed an odd number or even number? _____

2.NBT.A.4

Find the maximum speeds of the **1938 V-16 Cadillac** and the **1948 Plymouth Special Deluxe**.

5. Compare the speeds using $<$ (less than), $>$ (greater than), or $=$ (equals):



2.MD.C.7 Find the **Quaker State clock** on the shelf in the gallery.

6. What is the time on the clock?
A. 4:33 B. 2:22 C. 7:08

III. Find a **rectangular prism** on the lower level of the Discovery Center.

7. Where did you find it? The _____ Gallery
Name the object sitting on top of it. _____

2.G.A.1 The **Ark of the Covenant** is located in the Enlightenment Gallery.

8. Is it 2-dimensional or 3-dimensional? _____
Count the edges, vertices, and faces of the Ark of the Covenant. How many did you find? _____ edges, _____ vertices, _____ faces.

2.NBT.B.8 Find the two **horse heads** in the Enlightenment Gallery.

9. If the two horse heads each weigh 50 pounds, how much do they weigh combined? _____

2.NBT.B.8 The **suit of armor** is next to the Ark of the Covenant.

10. The suit of armor weighs 44 pounds. If a boy weighs 90 pounds and puts on the suit of armor, how much would he weigh? _____

IV. Find the **KEVA Planks** on the upper level of the Discovery Center.

11. Where did you find them? The _____ Gallery

Use the **KEVA Planks** to complete the following tables.

2.NBT.5
2.NBT.B.5

Rule: add 15

In	Out
12	27
	48
<hr/>	
20	<hr/>
<hr/>	20

Rule: subtract 10

In	Out
20	10
37	<hr/>
<hr/>	23
25	<hr/>

2.NBT.B.5 Balance the equations.

2.OA.A.1

12. $6 + \underline{\quad} = 2 + 8$

14. $\underline{\quad} + 7 = 16 + 8$

13. $12 + 5 = \underline{\quad} + 6$

15. $22 - \underline{\quad} = 8 + 2$

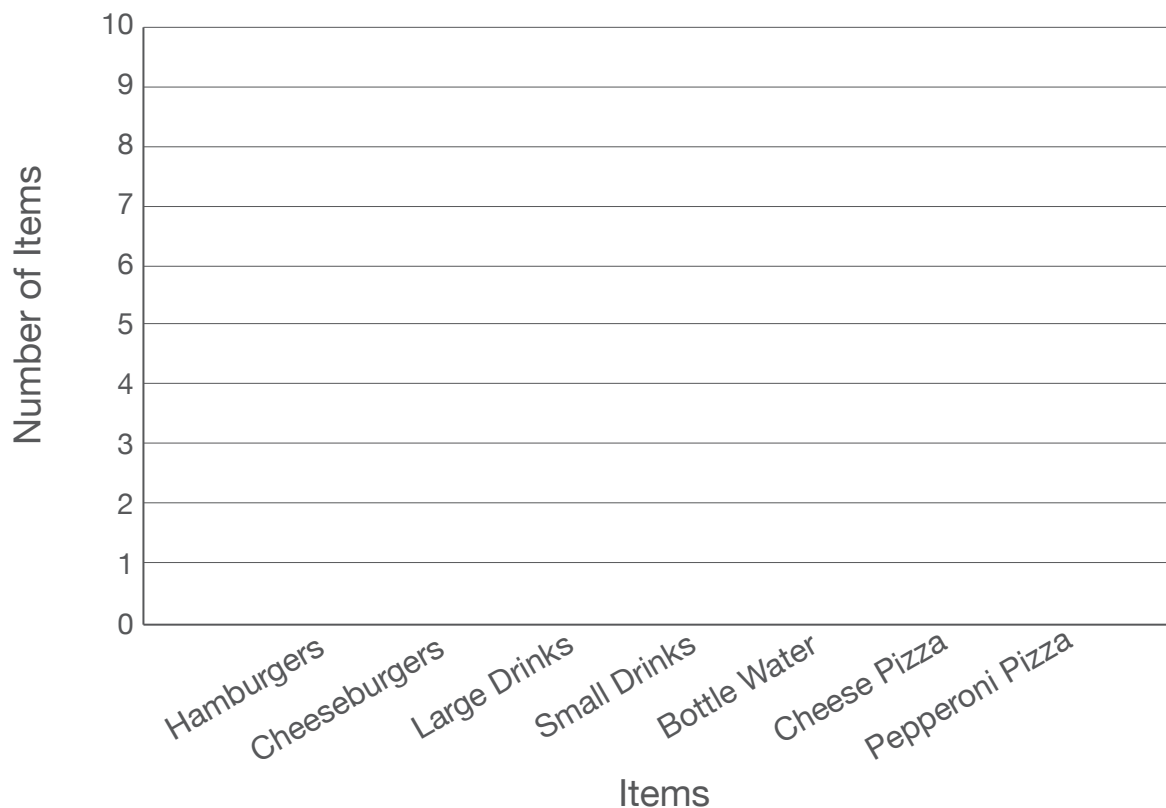
V. Find the **Cafe** on the entry level of the Discovery Center.

The information below will be used to draw a bar graph and to answer the following questions.

Hamburger	\$7.00
Cheeseburger	\$8.00
Large Drink	\$2.00
Small Drink	\$1.00
Bottled Water	\$2.00
Cheese Pizza	\$8.00
Pepperoni Pizza	\$9.00
Chef Salad	\$7.00

A small group of students ordered:
3 Hamburgers
5 Cheeseburgers
2 Large Drinks
6 Small Drinks
6 Small Drinks
1 Cheese Pizza
3 Pepperoni Pizzas
3 Bottled Waters

2.MD.D.10 16. Draw a bar graph showing the number of items the students ordered.



17. Using the bar graph, which item was ordered the most? _____

2.MD.D.10 18. Which item was ordered the least? _____
2.OA.A.1

2.MD.D.10 19. Are there more cheeseburgers than bottled waters? _____
2.OA.A.1

2.NBT.B.5 20. How much will three hamburgers cost? _____

2.NBT.B.5 21. How much will six small drinks cost? _____

2.OA.A.1 22. Balance the equation using the bar graph and the costs of items.
1 Cheeseburger + 1 Bottled Water = 1 Small Drink + _____

2.OA.A.1 23. Complete the inequality below using < (less than), > (greater than),
or = (equal to)
of cheeseburgers _____ # of large drinks + # of pepperoni pizzas

