April is Income Tax Month

Use the provided numbers to complete the Income Tax Story.

Federal income tax was first enacted in ____ to fund the Civil War effort. It was eliminated _______ years later in 1872 and revived _______ years later. One year after that, in _______ the tax was declared unconstitutional by the U.S. Supreme Court. In _______, the 16th Amendment to the Constitution made the income tax permanent.

Money Makes Sense

Fill in the prices using the listed numbers and the clue to figure out the prices.

1. Sleeping Bag
   Clue: The change from $50 is a bill and a nickel.
   Price $ ____ ____
   $9359

2. Basketball
   Clue: The number of cents is divisible by 5 and the number of dollars is a prime number.
   Price $ ____ ____
   $2532

3. Baseball and Bat
   Bat $5170
   Price of Bat $ ____ ____
   $3928

   Ball $452
   Price of Ball $ ____ ____
   $2532

   Clue: The bat costs $6.50 more than the ball.

4. Fishing Pole & Reel
   Fishing Pole $2560
   Price of Pole $ ____ ____
   $1895

   Reel $3928
   Price of Reel $ ____ ____
   $1862

   Clue: The pole and reel together cost $59.48.
Rectangle Riot

How many rectangles? Write the letters.

1 rectangle

A

3 rectangles

A, B, AB

? rectangles List them.

? rectangles List them.

9 rectangles

A, B, C, D,
AB, CD, AC,
BD, ABCD

? rectangles List them.

? rectangles List them.

? rectangles List them.
Going Places

How many different routes from the theater to the restaurant?

Rules:
• Stay on the streets and avenues.
• No back tracking: Always travel north or east.
• Different means that at least one part of the route varies from others.

The Case of the Missing “Parentheses”

Insert parentheses and brackets to make these work.
Don’t move the numbers or change the symbols.

1. $9 + 8 - 7 + 6 - 5 + 4 - 3 + 2 - 1 = 1$
2. $9 - 8 + 7 - 6 + 5 - 4 + 3 - 2 + 1 = 1$
Balzano Logic Problems

Balzano is a puzzle that will tap into your logical reasoning abilities. It uses ideas from two popular puzzlers, Pico Fermi Bagel and Mastermind®. Read the directions carefully, then try your hand at Balzano Colors and Balzano Shapes.

Directions:
Your job is to figure out the desired arrangement of three or more colors, numbers, shapes, or letters from clues that provide information about the elements and their locations. Each clue consists of two parts.

Balzano Colors
Use the clues to figure out the correct arrangement of colors.

<table>
<thead>
<tr>
<th>Arrangement</th>
<th>Correct color in correct place</th>
<th>Correct color in wrong place</th>
<th>Incorrect color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y R R</td>
<td>0</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>G B Y</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>R G B</td>
<td>1</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>__ __ __</td>
<td>3</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Balzano Shapes
Use the clues to figure out the correct arrangement of shapes.

<table>
<thead>
<tr>
<th>Arrangement</th>
<th>Correct shape in correct place</th>
<th>Correct shape in wrong place</th>
<th>Incorrect shape</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>1</td>
<td>2</td>
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