1. Complete each sentence by drawing a picture in the space beside it.

a. □ is to □ as □ is to □

b. □ □ □ is to □ □ as □ □ is to □ □

c. □ □ is to □ □ as □ □ is to □ □

2. Fill in the missing fractions. The same fraction is used in both spaces.

\[ \left( \frac{4}{8} - \_ \right) + \left( \frac{5}{8} - \_ \right) = \frac{7}{8} \]

3. Solve if there is enough information. If not, tell what is missing. Becky bought a pack of paper that cost $5.95. Tony bought a pack that cost $6.49. Who bought the most paper?

Answer: __________________________

4. Maria works at the community relief center every summer. She is a really good worker. She earns $8.00 per hour for her regular 40-hour hours a week. Last week she worked 47 hours. How much did Maria earn if she gets "time and a half" for overtime?

Answer: ________
5. Complete the chart below. Each of the three students earns $5.75 per hour.

<table>
<thead>
<tr>
<th>Employee</th>
<th>In</th>
<th>Out</th>
<th>Hours</th>
<th>Amt. Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachie</td>
<td>8:00 A.M.</td>
<td>6:00 P.M.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dustin</td>
<td>12:30 P.M.</td>
<td>5:00 P.M.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monica</td>
<td>9:00 A.M.</td>
<td>5:30 P.M.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6. This pattern of buildings is made with blocks. Building 1 is made from 1 block, Building 2 from 4 blocks, and so on.

![Building Pattern]

Bldg. 1   Bldg. 2   Bldg. 3   Bldg. 4   Bldg. 5   Bldg. 6   ...

a. How many blocks are needed for Building 3? _____
b. How many blocks are needed for Building 4? _____
c. How many blocks are needed for Building 10? _____
d. How many blocks for Building n, where n could stand for any number? _____

7. Fold this sheet of paper so that you bisect the angle. Bisect means that you exactly cut it in half. With your pencil, darken-in the crease in the paper. The line you draw is the bisector of the angle.

![Bisect Angle]

8. Open a book and look at the two page numbers.

a. Is their sum an even number, or an odd number? _____
b. Is their product an even number, or an odd number? _____
c. If you opened the book to two different pages, would your answers to (a) and (b) be the same? _____

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