


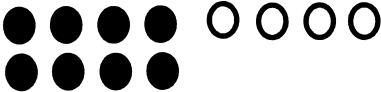
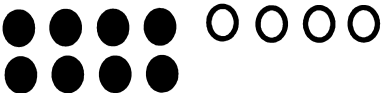


Directions: Solve each problem using the A.C.E. strategy (Answer, Compute, Explain). Answer each question, show your work (compute) and explain how you solved. You will use this information to review your homework in class. The below rubric will be used to evaluate your responses.

Scoring Rubric

3 points 	2 points 	1 point 	0 points
Student shows a clear understanding of concept by using written explanation and/or visual models to solve the problem correctly .	Student shows some understanding of concept by using written explanation and/or visual models to solve the problem. (minor error in understanding)	Student shows little understanding of concept. Student may have correct answer, but no evidence of understanding, or incorrect answer but little evidence of understanding is present.	Student writes incorrect answer and shows no evidence of understanding.

<p>1. What is the ratio of white circles to black circles?</p> 	<p>3. Draw a ratio table, tape diagram or double number line to show how many white circles you would have if there are 32 black dots (use the ratio from number 1).</p>												
<p>2. Using the ratio of white circles to black circles (above), how many black circles will you have if there are 36 white circles?</p> 	<p>4. Dylan said that if there are 24 white circles then there would be 32 black circles. He showed his work in a table. What error did he make? How many black circles should there be?</p> <table border="1" data-bbox="894 1482 1433 1556"> <tbody> <tr> <td>8</td> <td>12</td> <td>16</td> <td>24</td> <td>28</td> <td>32</td> </tr> <tr> <td>4</td> <td>8</td> <td>12</td> <td>16</td> <td>20</td> <td>24</td> </tr> </tbody> </table>	8	12	16	24	28	32	4	8	12	16	20	24
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<p>1. Last month, Amber ate 9 apples, 5 bananas, 4 peaches, and 7 oranges. Find the ratio of bananas to the total number of pieces of fruit Amber ate last month.</p>	<p>3. To make cranberry jam, you need 12 cups of sugar for every 16 cups of cranberries. How much sugar is needed if you have 4 cups of cranberries?</p> <table border="1" data-bbox="824 829 1529 966"> <tbody> <tr> <td>Sugar (cups)</td> <td>12</td> <td></td> <td>?</td> </tr> <tr> <td>Cranberries (cups)</td> <td>16</td> <td></td> <td>4</td> </tr> </tbody> </table>	Sugar (cups)	12		?	Cranberries (cups)	16		4
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<p>2. Last month, Amber ate 9 apples, 5 bananas, 4 peaches, and 7 oranges. Find the ratio of bananas to apples Amber ate last month.</p>	<p>4. A zoo requires that 1 adult accompany every 7 students that visit the zoo. How many adults must accompany 28 students? Use a table, tape diagram, or double number line to show your work.</p>								

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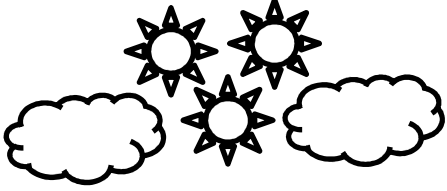
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<p>1. Tyson’s math class has 12 boys to 8 girls. What is the ratio for:</p> <ul style="list-style-type: none"> • Boys to girls? • Girls to boys? • Boys to the total number of students? • Girls to the total number of students? 	<p>3. Adam bought 5 notebooks for \$3. How much will he spend on 10 notebooks? Use a table, tape diagram, or double number line to show your work.</p>
<p>2. At a bake sale, 10 cookies and 15 brownies were sold. Draw a representation of this ratio.</p>	<p>4. In a parking lot, 3 out of 8 vehicles were trucks. If there were 128 vehicles, how many were trucks? Use a table, tape diagram, or double number line to show your work.</p>

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<p>1. Write all the possible ratios for the picture:</p> 	<p>3. There are two triangles for every three squares. Create three different drawings of this ratio.</p>
<p>2. If there are 6 blue bikes and 8 green bikes in the bike rack, what are all of the possible ratios?</p>	<p>4. There are 12 red blocks out of 20 blocks. Use a table, tape diagram, or double number line to show how many red blocks there will be if there are 60 blocks total.</p>