








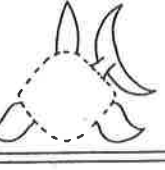

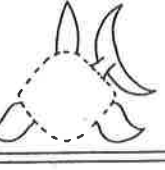





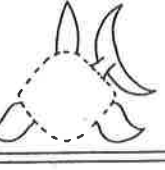
















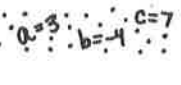
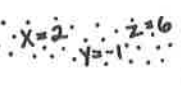
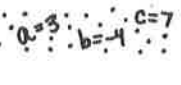
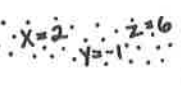


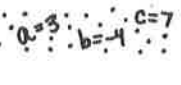
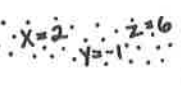


Lesson 11: Writing & Evaluating Expressions

Directions: Solve each problem. Choose the correct answer.

<p>1. 5 less than p</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is 5-p draw the following face & eyes.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">(b) If your answer is p-5 draw the following face & eyes.</td> <td style="text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is 5-p draw the following face & eyes.		(b) If your answer is p-5 draw the following face & eyes.		<p>2. 5 more than the product of 3 and m</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is 3+m+5 draw the following nose & mouth.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">(b) If your answer is 3m+5 draw the following nose & mouth.</td> <td style="text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is 3+m+5 draw the following nose & mouth.		(b) If your answer is 3m+5 draw the following nose & mouth.		<p>3. The sum of 10 and y</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is 10+y draw the following fins & tail.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">(b) If your answer is 10y draw the following fins & tail.</td> <td style="text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is 10+y draw the following fins & tail.		(b) If your answer is 10y draw the following fins & tail.	
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<p>4. The difference between m and 7</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is m+7 draw the following bubbles on the right side.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">(b) If your answer is m-7 draw the following bubbles on the right side.</td> <td style="text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is m+7 draw the following bubbles on the right side.		(b) If your answer is m-7 draw the following bubbles on the right side.		<p>5. The quotient of 5 and b</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is 5 ÷ b write a different letter in each bubble.</td> <td style="width: 50%; text-align: center; padding: 5px;">Ex: X Y Z</td> </tr> <tr> <td style="padding: 5px;">(b) If your answer is 5b write a different number in each bubble.</td> <td style="text-align: center; padding: 5px;">Ex: 1 2 3 4 5</td> </tr> </tbody> </table>	(a) If your answer is 5 ÷ b write a different letter in each bubble.	Ex: X Y Z	(b) If your answer is 5b write a different number in each bubble.	Ex: 1 2 3 4 5	<p>6. Write the word expression</p> <p style="text-align: center;">2(5+3)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is 2 times the sum of 5 & 3 draw the following wavy ocean.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">(b) If your answer is twice the product of 5 & 3 draw the following flat ocean.</td> <td style="text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is 2 times the sum of 5 & 3 draw the following wavy ocean.		(b) If your answer is twice the product of 5 & 3 draw the following flat ocean.	
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<p>7. True or False xxx & 3x are equivalent</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is True draw the following seaweed on the right side.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">(b) If your answer is False draw the following seaweed on the left side.</td> <td style="text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is True draw the following seaweed on the right side.		(b) If your answer is False draw the following seaweed on the left side.		<p>8. True or False 5(3+2) & 15+7 are equivalent</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is True draw the following sandy bottom.</td> <td style="width: 50%; text-align: center; padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">(b) If your answer is False draw the following sandy bottom.</td> <td style="text-align: center; padding: 5px;"></td> </tr> </tbody> </table>	(a) If your answer is True draw the following sandy bottom.		(b) If your answer is False draw the following sandy bottom.		<p>9. True or False 3(x-2) & 3x-6 are equivalent</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%; padding: 5px;">(a) If your answer is True write the following vocabulary word in the box.</td> <td style="width: 50%; text-align: center; padding: 5px;">Variable</td> </tr> <tr> <td style="padding: 5px;">(b) If your answer is False write the following vocabulary word in the box.</td> <td style="text-align: center; padding: 5px;">Coefficient</td> </tr> </tbody> </table>	(a) If your answer is True write the following vocabulary word in the box.	Variable	(b) If your answer is False write the following vocabulary word in the box.	Coefficient
(a) If your answer is True draw the following seaweed on the right side.														
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Directions: Solve each problem and **COLOR** the object that corresponds with your answer.

<p>10. Alyssa is 2 inches taller than Will. Write an expression for Alyssa's height if Will's height is h.</p> <p>(a) If your answer is $h-2$ color the head, fins & tail black.</p> <p>(b) If your answer is $h+2$ color the head, fins & tail grey.</p>	<p>11. A taxi charges \$3 for the first mile and \$2 for each additional mile (m). Write an expression to show the cost of a trip.</p> <p>(a) If your answer is $3(2m)$ outline the nose, mouth & eyebrows in grey.</p> <p>(b) If your answer is $3+2m$ outline the nose, mouth & eyebrows in black.</p>	<p>12. In question #11 if you traveled 5 miles in the cab, how much would your trip cost?</p> <p>(a) If your answer is \$11 color the inside of the mouth pink & leave the teeth white.</p> <p>(b) If your answer is \$13 color the inside of the mouth red & the teeth yellow.</p>
<p>13. Kristin charges \$9/hr for babysitting. Write an expression to show how much she earns if h=hours.</p> <p>(a) If your answer is $h+9$ color the seaweed purple & green.</p> <p>(b) If your answer is $9h$ color the seaweed green.</p>	<p>14. Evaluate the expression if $x=4$ & $y=5$</p> $2x-y$ <p>(a) If your answer is 3 color the eyes blue.</p> <p>(b) If your answer is 6 color the eyes green.</p>	<p>15. Evaluate the expression if $x= 2$ & $y=3$</p> $3x+y$ <p>(a) If your answer is 9 outline the bubbles in blue and the writing inside the bubbles red.</p> <p>(b) If your answer is 11 outline the bubbles in black and the writing inside the bubbles green.</p>
<p>16. Evaluate the expression if $x=7$</p> $\frac{12}{2x-2}$ <p>(a) If your answer is 0 color the sandy bottom brown & outline the writing in blue.</p> <p>(b) If your answer is 1 color the sandy bottom apricot & outline the writing in red.</p>	<p>17. Which value of x will make the expressions below equivalent?</p> $4x-1 \text{ \& } 3x+3$ <p>(a) If your answer is 5 color the ocean light green.</p> <p>(b) If your answer is 4 color the ocean blue.</p>	<p>18. The following question appeared on a test. Kylie answered 20 & Tyrique answered 14. Who is correct?</p> <p>Evaluate the expression if $a=2, b=3$ & $c=4$</p> $a + b \cdot c$ <p>(a) If your answer is Kylie outline the vocabulary word in purple.</p> <p>(b) If your answer is Tyrique outline the vocabulary word in black.</p>

Artistic Tip: When you are done coloring, it looks nice to outline the major features using a black crayon or marker.

Facing Math Vocabulary...

