

Lesson 3: Order of Operations

Directions: Solve each problem. Choose the correct answer.

<p>1. Which step comes first? $12 \div 3 \cdot (15 - 6) + 3$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p>(a) If your answer is 15 - 6 draw the following face, eyes & mouth.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;">  </td> </tr> <tr> <td style="width: 50%; padding: 5px;"> <p>(b) If your answer is 12 ÷ 3 draw the following face, eyes & mouth.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;">  </td> </tr> </table>	<p>(a) If your answer is 15 - 6 draw the following face, eyes & mouth.</p>		<p>(b) If your answer is 12 ÷ 3 draw the following face, eyes & mouth.</p>		<p>2. What is the second step? $8 \cdot 5 + 14 \div 7 - 3$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p>(a) If your answer is 8 · 5 draw the following hair & stripes.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;">  </td> </tr> <tr> <td style="width: 50%; padding: 5px;"> <p>(b) If your answer is 14 ÷ 7 draw the following hair & stripes.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;">  </td> </tr> </table>	<p>(a) If your answer is 8 · 5 draw the following hair & stripes.</p>		<p>(b) If your answer is 14 ÷ 7 draw the following hair & stripes.</p>		<p>3. Which step comes first? $2 + 10 \div 5 \cdot 3$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p>(a) If your answer is 5 · 3 draw the following fence & tail.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;">  </td> </tr> <tr> <td style="width: 50%; padding: 5px;"> <p>(b) If your answer is 10 ÷ 5 draw the following fence & tail.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;">  </td> </tr> </table>	<p>(a) If your answer is 5 · 3 draw the following fence & tail.</p>		<p>(b) If your answer is 10 ÷ 5 draw the following fence & tail.</p>	
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<p>4. Solve. $8 + 7 \cdot 10$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p>(a) If your answer is 78 draw the following sun in the top left corner.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;">  </td> </tr> <tr> <td style="width: 50%; padding: 5px;"> <p>(b) If your answer is 150 draw the following sun in the top left corner.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;">  </td> </tr> </table>	<p>(a) If your answer is 78 draw the following sun in the top left corner.</p>		<p>(b) If your answer is 150 draw the following sun in the top left corner.</p>		<p>5. Solve. $10 \div 2 \cdot 5$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p>(a) If your answer is 25 write the following problem in the sun & solve.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;"> $2 + 3^2 \cdot 4$ </td> </tr> <tr> <td style="width: 50%; padding: 5px;"> <p>(b) If your answer is 1 write the following problem in the sun & solve.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;"> $5 + 3^2 \cdot 2$ </td> </tr> </table>	<p>(a) If your answer is 25 write the following problem in the sun & solve.</p>	$2 + 3^2 \cdot 4$	<p>(b) If your answer is 1 write the following problem in the sun & solve.</p>	$5 + 3^2 \cdot 2$	<p>6. Solve $20 \div 4 + 2 \cdot 5$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p>(a) If your answer is 35 draw the following 3 signs on the fence.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;">  </td> </tr> <tr> <td style="width: 50%; padding: 5px;"> <p>(b) If your answer is 15 draw the following 3 signs on the fence.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;">  </td> </tr> </table>	<p>(a) If your answer is 35 draw the following 3 signs on the fence.</p>		<p>(b) If your answer is 15 draw the following 3 signs on the fence.</p>	
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<p>7. Solve $18 \div 6 \cdot (4 - 3) + 6$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p>(a) If your answer is 15 draw the following tree on the right side.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;">  </td> </tr> <tr> <td style="width: 50%; padding: 5px;"> <p>(b) If your answer is 9 draw the following tree on the right side.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;">  </td> </tr> </table>	<p>(a) If your answer is 15 draw the following tree on the right side.</p>		<p>(b) If your answer is 9 draw the following tree on the right side.</p>		<p>8. True or False $30 \div 15 + 2 \cdot 3 = 8$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p>(a) If your answer is True write the following on the signs.</p> </td> <td style="width: 50%; padding: 5px;"> <p>Always follow the order of operations.</p> <p>Do not feed the zebra.</p> <p>Parenthesis, Exponents, Multiplication, Division, Addition & Subtraction.</p> <p>PEMDAS rocks!</p> </td> </tr> <tr> <td style="width: 50%; padding: 5px;"> <p>(b) If your answer is False write the following on the signs.</p> </td> <td style="width: 50%; padding: 5px;"> <p>Please feed the zebra.</p> <p>I LOVE Math!</p> </td> </tr> </table>	<p>(a) If your answer is True write the following on the signs.</p>	<p>Always follow the order of operations.</p> <p>Do not feed the zebra.</p> <p>Parenthesis, Exponents, Multiplication, Division, Addition & Subtraction.</p> <p>PEMDAS rocks!</p>	<p>(b) If your answer is False write the following on the signs.</p>	<p>Please feed the zebra.</p> <p>I LOVE Math!</p>	<p>9. True or False $2 + (24 \div 4) \cdot (3 - 1) = 14$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p>(a) If your answer is True write the following vocabulary words in the box.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;"> <p>Order of Operations</p> </td> </tr> <tr> <td style="width: 50%; padding: 5px;"> <p>(b) If your answer is False write the following vocabulary word in the box.</p> </td> <td style="width: 50%; text-align: center; padding: 5px;"> <p>PEMDAS</p> </td> </tr> </table>	<p>(a) If your answer is True write the following vocabulary words in the box.</p>	<p>Order of Operations</p>	<p>(b) If your answer is False write the following vocabulary word in the box.</p>	<p>PEMDAS</p>
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Every Child, Every Classroom, Every Day Robert Peterkin, Deborah Jewell-Sherman, Laura Kelley, Leslie Boozer, 2011-03-21 Urban school superintendents face unprecedented challenges They must ensure that all students achieve a high level of performance despite a lack of resources the intractable problems of race and poverty a chaotic governance structure and the often conflicting demands of teachers parents unions and the community This important book edited by the co directors of the prestigious Harvard Urban Superintendents Program USP explores the ways in which superintendents can make a difference in the lives of each child every day by being knowledgeable about and driven by what happens in the classroom The editors and distinguished contributors cover a wide range of vital topics that superintendents face from the day they are hired to the day they retire such as how superintendents can most effectively communicate their vision plan strategically institute instructional reform engage the community and allocate resources The book is filled with illustrative examples of well known superintendents

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masters includes worked examples questions and puzzles dispels any myths and misunderstandings concerning the order of operations fosters an enjoyment of problem and puzzle solving *What Is Bodmas?* Marian Perera, 2024-10-31 ORDER OF OPERATIONS is Fundamental to Math This essential concept consists of five key elements brackets B orders O division D multiplication M addition A and subtraction S In math there are standard rules we need to follow to apply these operations correctly ensuring that everyone arrives at the same answer This book presents a detailed yet fun approach to help you become familiar with these operations making sure you always know how to handle them when they appear It s designed to be straightforward and includes tons of examples to practice and reinforce your understanding Happy learning

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