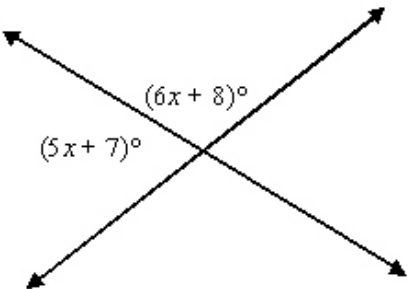


<p><b>1</b> Mixed Review</p>	<p>If <math>a \oplus b \oplus c = \frac{2a - 5c}{3b}</math>, find <math>6 \oplus -3 \oplus 2</math>.</p>
<p><b>2</b> Algebra</p>	<p>If <math>x + y = 15</math> and <math>x - y = -19</math>, find the value of <math>xy</math>.</p>
<p><b>3</b> Coordinate Geometry</p>	<p>What is the equation of a line that passes through <math>(4, -2)</math> and <math>(6, 8)</math>?</p>
<p><b>4</b> Geometry</p>	<p>Solve for <math>x</math>.</p> 
<p><b>5</b> ACT</p>	<p>When <math>x = 3</math> and <math>y = 5</math>, by how much does the value of <math>3x^2 - 2y</math> exceed the value of <math>2x^2 - 3y</math>?</p> <p>A. 4 B. 14 C. 16 D. 20 E. 50</p>
<p><b>6</b> Work Keys</p>	<p>You are preparing to tile the floor of a rectangular room that is <math>15\frac{1}{2}</math> feet by <math>18\frac{1}{2}</math> feet in size. The tiles you plan to use are square, measuring 12 inches on each side, and are sold in boxes that contain enough tile to cover 25 square feet. How many boxes of tiles must you order to complete the job?</p> <p>A. 11 B. 12 C. 34 D. 59 E. 287</p>