



Math 8 Semester 1 with lessons from the book

	Saxon Math 87 book	Example	Concept
Week 1	1) Lessons 1 & 2 practice problems and multiples of 3 2) Lessons 3 & 4 practice problems and multiples of 3 3) Lessons 5 & 6 practice problems and multiples of 3	\$1.45 + \$6 + 8¢ \$20 - \$5.25 \$7.03 X 15 4825 ÷ 12	Basic operations: addition, subtraction, multiplication, division
Week 2	1) Lessons 7 & 8 practice problems and multiples of 3 2) Lessons 9 & 10 practice problems and multiples of 3 3) Lessons 11 & 12 practice problems and multiples of 3	Show how to write this number using digits: one billion, fifty-seven thousand, thirty-three and twenty-eight thousandths	Place value
Week 3	1) Lessons 13 & 14 practice problems and multiples of 3 2) Lessons 15 & 16 practice problems and multiples of 3 3) Lessons 17 & 18 practice problems and multiples of 3	$\frac{P}{4} = 9$	Missing numbers in +, -, X, ÷
Week 4	1) Prime factorization worksheet 2) Lessons 19 & 20 practice problems and multiples of 3 3) Lessons 21 & 22 practice problems and multiples of 3	Write the prime factorization for 420	Prime factorization
Week 5	1) Area & perimeter worksheet 2) Lessons 23 & 24 practice problems and multiples of 3 3) Lessons 25 & 26 practice problems and multiples of 3	The area of a square is $25 \text{ in}^2$ what is the perimeter?	Area and perimeter of rectangles
Week 6	1) Mean, median, mode and range worksheet 2) Lessons 27 & 28 practice problems and multiples of 3 3) Lessons 29 & 30 practice problems and multiples of 3	15, 18, 17, 20, 18 Find the mean, median, mode and range.	Mean, median, mode and range
Week 7	1) Fraction worksheet 2) Lessons 31 & 32 practice problems and multiples of 3 3) Lessons 33 & 34 practice problems and multiples of 3	Fred made $\frac{3}{4}$ of his shots playing basketball. If he made 18 baskets how many shots did he throw?	Fractions - idea, parts, pictures, equivalent
Week 8	1) Fraction worksheet 2) Lessons 35 & 36 practice problems and multiples of 3 3) Lessons 37 & 38 practice problems and multiples of 3	$6\frac{1}{2} \div (5 - 2\frac{3}{4})$	Fractions: GCF, LCM, mixed numbers

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<p>Week 9</p>	<p>1) Lines, angles worksheet 2) Lessons 39 &amp; 40 practice problems and multiples of 3 3) Lessons 41 &amp; 42 practice problems and multiples of 3</p>	<p>Lines p and q are parallel. Angle 1 is <math>110^\circ</math> find the measure of all the other angles.</p> 	<p>Angles, lines, triangles</p>								
<p>Week 10</p>	<p>1) Order of operations worksheet 2) Lessons 43 &amp; 44 practice problems and multiples of 3 3) Lessons 45 &amp; 46 practice problems and multiples of 3</p>	$2\frac{2}{5} \left( 2\frac{1}{4} - \frac{1}{6} \right) - \sqrt[3]{27}$	<p>Order of operations</p>								
<p>Week 11</p>	<p>1) Pythagorean worksheet 2) Lessons 47 &amp; 48 practice problems and multiples of 3 3) Lessons 49 &amp; 50 practice problems and multiples of 3</p>	 <p>What is the length of the hypotenuse?</p> <p><small>Note: The figure is not drawn to scale.</small></p>	<p>Pythagorean theorem</p>								
<p>Week 12</p>	<p>1) Lessons 51 &amp; 52 practice problems and multiples of 3 2) Lessons 53 &amp; 54 practice problems and multiples of 3 3) Lessons 55 &amp; 56 practice problems and multiples of 3</p>	<p><math>2.4 \div 0.06</math> <math>2.4 \times 0.06</math> <math>2.4 + 0.06</math> <math>2.4 - 0.06</math></p>	<p>Decimals: idea, place value</p>								
<p>Week 13</p>	<p>1) Graphing worksheet 2) Lessons 57 &amp; 58 practice problems and multiples of 3 3) Lessons 59 &amp; 60 practice problems and multiples of 3</p>	<p>Graph the inequality on a number line <math>X \geq -3</math></p>	<p>Graphing inequalities on a number line</p>								
<p>Week 14</p>	<p>1) Functions worksheet 2) Lessons 61 &amp; 62 practice problems and multiples of 3 3) Lessons 63 &amp; 64 practice problems and multiples of 3</p>	<p><math>Y = \frac{1}{3}X - 1</math></p> <table border="1" data-bbox="738 1228 1023 1375"> <tr> <td>X</td> <td>Y</td> </tr> <tr> <td>3</td> <td>?</td> </tr> <tr> <td>6</td> <td>?</td> </tr> <tr> <td>9</td> <td>?</td> </tr> </table>	X	Y	3	?	6	?	9	?	<p>Functions</p>
X	Y										
3	?										
6	?										
9	?										