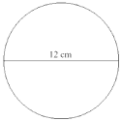
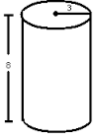


Math 8 Semester 2 suggested lesson plan using Saxon Math 87 book

	Saxon Math 87 book	Examples	Concept
Week 1	1) Decimals worksheet 2) Lessons 65 & 66 practice problems and multiples of 3 3) Lessons 67 & 68 practice problems and multiples of 3	$0.7(3.2 \div 0.8) + 1.3$	Decimals +, -, x, ÷
Week 2	1) Conversion worksheet 2) Lessons 69 & 70 practice problems and multiples of 3 3) Lessons 71 & 72 practice problems and multiples of 3	Write $5\frac{3}{8}$ as a decimal number Write 0.008 as a reduced fraction Write 0.125 as a percent	Decimal/fraction/% conversion
Week 3	1) Fraction worksheet 2) Lessons 73 & 74 practice problems and multiples of 3 3) Lessons 75 & 76 practice problems and multiples of 3	Simplify: $2\frac{1}{2} - \frac{1}{5} \div \frac{2}{3}$	Fractions +, -, x, ÷
Week 4	1) Slope-intercept worksheet 2) Slope-intercept worksheet 3) Lessons 77 & 78 practice problems and multiples of 3	Re-write $3x + y - 2 = 0$ in slope-intercept form and graph the equation	Slope and coordinating plane
Week 5	1) Scientific notation worksheet 2) Scientific notation worksheet 3) Lessons 79 & 80 practice problems and multiples of 3	$\frac{3.8 \times 10^{-3}}{2 \times 10^{-5}}$	Scientific notation
Week 6	1) Percent worksheet 2) Percent worksheet 3) Lessons 81 & 82 practice problems and multiples of 3	30 is what percent of 50? and 15% of what number is 75?	Percent problems
Week 7	1) 2 step equation worksheet 2) 2 step equation worksheet 3) Lessons 83 & 84 practice problems and multiples of 3	Solve for x: $-0.5x + 0.7 = 6.2$	2 step equations
Week 8	1) Unit conversion worksheet 2) Lessons 85 & 86 practice problems and multiples of 3 3) Lessons 87 & 88 practice problems and multiples of 3	264 hours is how many days?	Measurement/unit conversions
Week 9	1) Circle worksheet 2) Lessons 89 & 90 practice problems and multiples of 3 3) Lessons 91 & 92 practice problems and multiples of 3	Find the circumference and area of the circle 	Circles: circumference/area

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Week 10	1) Powers and roots worksheet 2) Lessons 93 & 94 practice problems and multiples of 3 3) Lessons 95 & 96 practice problems and multiples of 3	Simplify: $\frac{9x^2y^4z}{3xy^2z}$	Powers and roots
Week 11	1) Volume/surface area worksheet 2) Lessons 97 & 98 practice problems and multiples of 3 3) Lessons 99 & 100 practice problems and multiples of 3	Find the volume and surface area of the cylinder 	Volume/surface area
Week 12	1) Ratio worksheet 2) Lessons 101 & 102 practice problems and multiples of 3 3) Lessons 103 & 104 practice problems and multiples of 3	A bag contains green marbles and blue marbles at a ratio of 2 to 1. What is the probability of drawing a blue marble?	Ratios, proportions, probability, unit rate problems
Week 13	1) Algebraic terms worksheet 2) Algebraic terms worksheet 3) Lessons 105 & 106 practice problems and multiples of 3	Solve for x: $1\frac{3}{4}x = 6 + x$	Algebraic terms
Week 14	1) Signed equation worksheet 2) Signed equation worksheet 3) Lessons 107 & 108 practice problems and multiples of 3	Simplify: $\frac{-144}{6}$	Integers/signed equations