
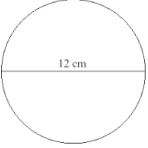
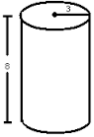



Math 8

Week	Book assignment	Student mentoring	Assessment(s)
Week 1	1) Lesson 1 practice and odds 2) Lesson 2 practice and evens 3) Lesson 3 practice and odds	$\$1.45 + \$6 + 8\text{¢}$	Basic/Expanded addition
Week 2	1) Lesson 4 practice and odds 2) Lesson 5 practice and evens 3) Lesson 6 practice and odds	$\$20 - \5.25	Basic/Expanded subtraction
Week 3	1) Lesson 7 practice and odds 2) Lesson 8 practice and evens 3) Lesson 9 practice and odds	$\$7.03 \times 15$	Basic/Expanded multiplication
Week 4	1) Lesson 10 practice and odds 2) Lesson 11 practice and evens 3) Lesson 12 practice and odds	$4825 \div 12$	Basic/Expanded division
Week 5	1) Lesson 13 practice and odds 2) Lesson 14 practice and evens 3) Lesson 15 practice and odds	Show how to write this number using digits: one billion, fifty-seven thousand, thirty-three and twenty-eight thousandths	Place value
Week 6	1) Lessons 16 practice & 17 practice and 1-10 2) Lessons 18 practice & 19 practice and 11-20 3) Lessons 20 practice & 21 practice and 21-30	$\frac{P}{4} = 9$	Missing numbers in +, -, X, ÷
Week 7	1) Lesson 22 practice & 23 practice and 1-10 2) Lesson 24 practice & 25 practice and 11-20 3) Lesson 26 practice & 27 practice and 21-30	Write the prime factorization for 420	Prime factorization
Week 8	1) Area and perimeter worksheet 2) Lesson 28 practice & 29 practice and multiples of 3 3) Lesson 30 practice & 31 practice and multiples of 3	The area of a square is 25 in^2 what is the perimeter?	Area and perimeter of rectangles
Week 9	1) Worksheet on mean, median, mode, and range 2) Lesson 32 practice & 33 practice and multiples of 3 3) Lesson 34 practice & 35 practice and multiples of 3	15, 18, 17, 20, 18 Find the mean, median, mode and range.	Mean, median, mode and range
Week 10	1) Worksheet on fractions - idea, parts, pictures, equivalent 2) Lesson 36 & 37 practice and multiples of 3 3) Lesson 38 & 39 practice & 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 11	1) Mixed numbers +, -, x, ÷ worksheet 2) Lesson 40 practice, lesson 41 practice and multiples of 3 3) Investigation 4 (p. 245) stem & leaf plots and box & whisker plots 5-12	$6\frac{1}{2} \div (5 - 2\frac{3}{4})$	Fractions: GCF, LCM, mixed numbers								
Week 12	Functions worksheet(s)	$Y = \frac{1}{3}X - 1$ <table border="1"> <thead> <tr> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>?</td> </tr> <tr> <td>6</td> <td>?</td> </tr> <tr> <td>9</td> <td>?</td> </tr> </tbody> </table>	X	Y	3	?	6	?	9	?	Functions
X	Y										
3	?										
6	?										
9	?										
Week 13	1) order of operations worksheet 2) Lesson 42 practice, lesson 43 practice and multiples of 3 3) 44 practice, 45 practice and multiples of 3	$2\frac{2}{5} \left(2\frac{1}{4} - \frac{1}{6}\right) - \sqrt[3]{27}$	Order of operations								
Week 14	1) graphing inequalities worksheet 2) 46 practice, 47 practice and multiples of 3 3) 48 practice, 49 practice and multiples of 3	Graph the inequality on a number line $X \geq -3$	Graphs								
Week 15	1) Pythagorean worksheet 2) 50 practice, 51 practice and multiples of 3 3) 52 practice, 53 practice and multiples of 3	 <p><small>Note: The figure is not drawn to scale.</small></p> <p>What is the length of the hypotenuse?</p>	Pythagorean theorem								
Week 16	1) 54 practice, 55 practice and 1-10 (2) 56 practice, 57 practice and 11-20 (3) 58 practice, 59 practice and 21-30	$2.4 \div 0.06$ 2.4×0.06 $2.4 + 0.06$ $2.4 - 0.06$	Decimals: idea, place value								
Week 17	Cumulative review										

	Math 8 plan - 2nd semester		
Week 18	1) 60 practice, 61 practice and 1-10 2) 62 practice, 63 practice and 11-20 3) 64 practice, 65 practice and 21-30	$0.7(3.2 \div 0.8) + 1.3$	Decimals +, -, x, \div
Week 19	1) 66 practice, 67 practice and 1-10 2) 68 practice, 69 practice and 11-20 3) 70 practice, 71 practice and 21-30	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 20	1) 72 practice, 73 practice and 1-10 2) 74 practice, 75 practice and 11-20 3) 76 practice, 77 practice and 21-30	Simplify: $2\frac{1}{2} - \frac{1}{5} \div \frac{2}{3}$	Fractions +, -, x, \div
Week 21	1) graphing worksheet 2) graphing worksheet 3) 78 practice, 79 practice and multiples of 3	Re-write $3x + y - 2 = 0$ in slope-intercept form and graph the equation	Slope and coordinating plane
Week 22	1) scientific notation worksheet 2) scientific notation worksheet 3) 80 practice, 81 practice and multiples of 3	$\frac{3.8 \times 10^{-3}}{2 \times 10^{-5}}$	Scientific notation
Week 23	1) Percent worksheet 2) percent worksheet 3) 82 practice, 83 practice and multiples of 3	30 is what percent of 50? and 15% of what number is 75?	Percent problems
Week 24	1) 2 step equation worksheet 2) 2 step equation worksheet 3) 84 practice, 85 practice and multiples of 3	Solve for x: $-0.5x + 0.7 = 6.2$	2 step equations
Week 25	1) unit conversion worksheet 2) 86 practice, 87 practice and multiples of 3 3) 88 practice, 89 practice and multiples of 3	264 hours is how many days?	Measurement/unit conversions
Week 26	1) circle worksheet 2) 90 practice, 91 practice and multiples of 3 3) 92 practice, 93 practice and multiples of 3	Find the circumference and area of the circle 	Circles: circumference/area

Week 27	1) powers & roots worksheet 2) 94 practice, 95 practice and multiples of 3 3) 96 practice, 97 practice and 11-20	Simplify: $\frac{9x^2y^4z}{3xy^2z}$	Powers and roots
Week 28	1) area/surface area worksheet 2) 98 practice, 99 practice and 21-30 3) 100 practice, 101 practice and multiples of 3	Find the volume and surface area of the  cylinder	Area/surface area
Week 29	1) angles worksheet 2) Investigation 10: probability, chance, and odds 3) 102 practice and all odds	Lines p and q are parallel. Angle 1 is 110° find the measure of all the other angles. 	Angles, lines, triangles
Week 30	1) ratio worksheet 2) 103 practice, 104 practice and multiples of 3 3) 105 practice, 106 practice 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 31	1) algebraic terms worksheet 2) algebraic terms worksheet 3) 107 practice and odds	Solve for x: $1\frac{3}{4}x = 6 + x$	Algebraic terms
Week 32	1) signed equation worksheet 2) signed equation worksheet 3) 108 practice and odds	Simplify: $\frac{-144}{6}$	Integers/signed equations
Week 33	Review of all 31 concepts and/or continue in the book		
Week 34	Review of all 31 concepts and/or continue in the book		Cumulative assessments and placement assessment for math 1
Week 35	Review of all 31 concepts		