

Math 1125 Daily Calendar – Autumn 2016

Date	Topic and Activity	Text
Tues. 8/23	<i>Opening Day!</i> <i>Introduction to course</i> In Class: What is a mathematical explanation?	2.1 (Solving Problems & Explaining Solutions)
Wed. 8/24	<i>1-1 correspondence, counting</i> In Class: Shepherd’s Necklace	
Thurs. 8/25	<i>Place value</i> In Class: A Place of Value	2.1
Fri. 8/26	<i>Place value, continued; Finish counting</i> In Class: A Place of Value, Shepherd’s Necklace	1.1
Mon. 8/29	<i>General discussion of integers; Introduction to fractions</i> In Class: Fraction Intro. (as in 2A #1, 2B #1)	1.2 (neg. #s) 2.2
Tues. 8/30	<i>Introduction to fractions</i> In Class: 2B #2, “Pies”, 2C if time	2.2
Wed. 8/31	Practice HW DUE <i>Equivalent fractions</i> In Class: 2C, 2K, 2L	2.3
Thur. 9/1	<i>Solving problems by changing denominators</i> In Class: 2F #2, #3; 2N	2.3
Fri. 9/2	NO QUIZ <i>Improper fractions</i> In Class: finish 2N, 2O #2, Improper Fractions	2.2 – 2.3
Mon. 9/5	Labor Day NO CLASS	
Tues. 9/6	<i>Comparing fractions</i> In Class: 2Q, 2R	2.4
Wed. 9/7	<i>Representing decimals with objects and as lengths</i> In Class: 1D #1, #3; 1E #2, #6	1.2 (decimals)
Thur. 9/8	HW 1 DUE <i>Zooming in and zooming out on number lines</i> In Class: 1F #1, #3, #4; 1G	1.2
Fri. 9/9	QUIZ #1 <i>Decimal comparison (decimals as bundles)</i> In Class: Comparing Decimals	1.3 1.4 (on your own)

Mon. 9/12	<i>Solving percent problems using pictures</i> In Class: Calculations with Percents	2.5
Tues. 9/13	<i>Finish percents; Concepts of addition & subtraction</i> In Class: Adding It All Up	3.1
Wed. 9/14	<i>Stories for fraction addition, subtraction</i> In Class: 3Q, 3R	
Thurs. 9/15	HW 2 DUE <i>Commutative, associative properties of addition;</i> <i>Mental math</i> In Class: (3E), 3H #1, 2	3.2
Fri. 9/16	QUIZ #2 <i>Understanding the common subtraction algorithm</i> In Class: 3K	3.3
Mon. 9/19	<i>Addition & subtraction of integers</i> In Class: Modeling Integers #1-7	3.5
Tues. 9/20	<i>Percent increase and percent decrease problems</i> In Class: Percent Increase/Decrease	7.5
Wed. 9/21	<i>Percent increase and decrease;</i> <i>Meaning of multiplication</i> In Class: Multiplication Word Problems	4.1
Thurs. 9/22	HW 3 DUE <i>Multiplying by ten;</i> <i>Commutative, associative properties of multiplication</i> In Class: 4D, 4E #2-4, 4H #2, 3	4.2 4.3
Fri. 9/23	QUIZ #3 <i>Using properties; story for</i> $2 \times (3 \times 4)$ and for $(2 \times 3) \times 4$ In Class: 4I, 4J #1	4.3
Mon. 9/26	<i>Distributive property</i> In Class: 4K #1, #2; 4L; 4N #4	4.4 4.5
Tues. 9/27	<i>Mental Math</i> In Class: 4M #1, #2; 4P #2, #3	4.5
Wed. 9/28	Review	
Thur 9/29	Midterm #1 Evening: 7:40 – 8:40pm Location: Independence Hall 0100	
Fri. 9/30	NO QUIZ <i>Why multiplication algorithm works</i> In Class: 4T	4.6

Mon. 10/3	HW 4 DUE <i>Intro to multiplication of fractions; When do we multiply fractions?</i> In Class: (5A), 5C	5.1
Tues. 10/4	<i>Explanation of procedure for multiplying fractions</i> In Class: 5B, 5.1 #11	5.1
Wed. 10/5	<i>Multiplication of negative numbers</i> In Class: 5I, Modeling Integers #8, Multiplying Integers	5.3
Thurs. 10/6	HW 5 DUE <i>Multiplying mixed numbers, decimals</i> In Class: 5E, 5F, 5G (if time)	5.2
Fri. 10/7	QUIZ #4 <i>Meaning of division</i> In Class: Division Word Problems	6.1
Mon. 10/10	<i>Division stories, dealing with remainder</i> In Class: 6B	6.1, 6.2
Tues. 10/11	<i>Dividing without using a calculator or long division</i> In Class: 6F	6.3
Wed. 10/12	<i>Reasoning about division</i> In Class: Reasoning about Division #1	6.2
	<i>Autumn Break</i> <i>October 13 - 16</i>	
Mon. 10/17	HW 6 DUE <i>Understanding long division (“how many in each group?”)</i> In Class: (6G, 6H)	6.3
Tues. 10/18	<i>Division by zero</i> In Class: 6C	6.1
Wed. 10/19	<i>Understanding fraction division (“how many groups?”)</i> In Class: 6M #2, 3, 4	6.4
Thurs. 10/20	HW 7 DUE <i>Understanding fraction division (“how many in one group?”)</i> In Class: 6O	6.5
Fri. 10/21	QUIZ #5 <i>Recognizing the correct operation in stories</i> In Class: What Operation Would You Use?	6.5
Mon. 10/24	<i>Dividing decimals; Ratio and proportion</i> In Class: Decimal Division, 7A	6.6, 7.1

Tues. 10/25	<i>Using ratio tables and strip diagrams to solve ratio problems</i> In Class: 7F, 7D (#1, 3), 7E (#1, 2)	7.2
Wed. 10/26	<i>Solving proportions with multiplication and division (“going through 1”)</i> In Class: 7H, 7I	7.2
Thurs. 10/27	HW 8 DUE <i>Solving proportions by cross-multiplying fractions</i> In Class: 7I, 7J #3, 7K	7.3
Fri. 10/28	NO QUIZ <i>Factors and multiples</i> In Class: Locker Problem	
Mon. 10/31	<i>Factors and multiples</i> In Class: Locker Problem	8.1
Tues. 11/1	<i>Odd and Even</i> In Class: 8E	8.2
Wed. 11/2	<i>Review</i>	
Thurs. 11/3	Midterm #2 Evening: 7:40 – 8:40PM Location: Independence Hall 0100	
Fri. 11/4	NO QUIZ <i>Odd and Even; Division relationships</i> In Class: 8D, Division and Remainder Activity	8.2 8.3
Mon. 11/7	HW 9 DUE <i>Division and Remainders cont’d</i> In Class: Division and Remainders	8.3
Tues. 11/8	<i>Divisibility test for 3</i> In Class: Finish Remainders; 8G	8.3
Wed. 11/9	<i>Prime numbers; Prime factorization</i> In Class: Prime Numbers from 1 to 120, Prime Time	8.4
Thurs. 11/10	HW 10 DUE <i>Factors from the prime factorization;</i> <i>Divisibility relationships</i> In Class: Prime Time, Factor Statements	8.4
Fri. 11/11	<i>NO CLASS – Veterans’ Day</i>	
Mon. 11/14	<i>Meaning of greatest common factor, least common multiple; GCF, LCM from prime factorization;</i> In Class: All in the Timing	8.5

Tues. 11/15	<i>Problems involving GCF, LCM</i> In Class: 8M, 8L, GCF & LCM Problems	8.5
Wed. 11/16	<i>Rational and irrational numbers</i> In Class: Shampoo	8.5
Thurs. 11/17	HW 11 DUE <i>Rational and irrational numbers</i> In Class: Shampoo	8.5
Fri. 11/18	QUIZ #6 <i>Rational and irrational numbers</i> In Class: Shampoo	8.6, 8.7
Mon. 11/21	<i>Expressions</i> In Class: Writing Formulas	9.1
Tues. 11/22	<i>Expressions</i> In Class: 9A #3, 9C, 9D	9.2 9.3
	<i>NO CLASS – Thanksgiving Break</i> <i>November 23 - 27</i>	
Mon. 11/28	<i>Expressions</i> In Class: 9H #1, 9J #4, 9K	9.2 9.3
Tues. 11/29	<i>Solving Equations</i> In Class: (9R), Balances, 9S, start 9U	9.4
Wed. 11/30	<i>Solving Equations with strip diagrams</i> In Class: 9U	9.5
Thurs. 12/1	HW 12 DUE <i>Sequences</i> In Class: 9X, 9Z	9.6
Fri. 12/2	QUIZ #7 <i>Sequences</i> In Class: 9CC, 9BB	9.6
Mon. 12/5	<i>Catch up day – topic TBD</i>	9.6
Tues. 12/6	<i>Catch up day – topic TBD</i>	
Wed. 12/7	<i>Last Class</i> <i>Review</i>	
Thurs. 12/8	<i>OSU Reading Day, Exam Week</i>	
Tues. Dec. 13	Final Exam Time: 8:00 – 9:45PM Location: TBA	