

Math 1125 Daily Calendar – Au 2024

Date	Topic and Activity	Text & Outcome
8/20 Tues.	<i>Opening Day!</i> <i>Introduction to the course + Explanations</i> In Class: Explanations (Activity packet)	Ximera section
8/21 Wed.	<i>One-to-one correspondence, counting</i> In Class: The Shepherd's Necklace	Ximera section Outcome 1
8/22 Thur.	<i>Place value counting systems</i> In Class: A Place of Value #1	(Section 1.1) Outcome 2
8/23 Fri.	<i>Counting and place value systems, continued</i> In Class: Finish Shepherd's Necklace, A Place of Value #2	(Section 1.1) Outcome 1, 2
8/26 Mon.	<i>Counting and place value systems, continued</i> In Class: A Place of Value #2	Section 1.1 Outcome 2
8/27 Tues.	<i>Meaning of fractions</i> In Class: Fraction Intro, 2A #3, 2B #1, 2	(Section 2.1) Outcome 3
8/28 Wed.	<i>Meaning of fractions continued</i> In Class: 2C #1,2; 2E #1, Start Pies	(Section 2.1) Outcome 3
8/29 Thur.	<i>Meaning of fractions continued</i> In Class: Pies	Section 2.1 Outcome 3
8/30 Fri.	<i>Comparing fractions</i> In Class: 2Q, 2R	Section 2.3 Outcome 3, 7
	<i>Labor Day – No Class</i> <i>Monday, Sept. 2</i>	
9/3 Tues.	<i>Improper fractions</i> In Class: Improper Fractions	Section 2.1 Outcome 3
9/4 Wed.	<i>Equivalent fractions</i> In Class: More with Fractions	(Section 2.2) Outcome 5
9/5 Thur.	<i>Solving problems by changing denominators</i> In Class: 2K	(Section 2.2) Outcome 3
9/6 Fri.	<i>Solving problems by changing denominators</i> In Class: 2M #2, 3	Section 2.2 Outcome 3
9/9 Mon.	<i>Solving percent problems using pictures</i> In Class: 2T, Calculations with Percents	(Section 2.4) Outcome 4
9/10 Tues.	<i>Solving percent problems using pictures</i> In Class: Calculations with Percents	Section 2.4 Outcome 4
9/11 Wed.	<i>Representing Decimals</i> In Class: The Decimal System	Section 1.2 Outcome 6
9/12 Thur.	<i>Representing Decimals</i> In Class: The Decimal System	Section 1.2 Outcome 6
9/13 Fri.	<i>Decimal comparison (decimals as bundles)</i> In Class: Comparing Decimals	Section 1.3 Outcome 7

9/16 Mon.	<i>Concepts of Addition and Subtraction</i> In Class: Adding It All Up	Section 3.1 Outcome 8, 9
9/17 Tues.	<i>Stories for fraction addition, subtraction</i> In Class: 3Q, 3R, write stories	Section 3.4 Outcome 8, 9
9/18 Wed.	<i>Peer Review Day</i>	
9/19 Thur.	<i>Reflection day – Review for exam</i>	
9/20 Fri.	Timed Assessment #1 (Online) Outcomes 1-7	
9/23 Mon.	<i>P3properties of addition; Mental math</i> In Class: Mental Math with Addition	Section 3.2 Outcome 8, 9
9/24 Tues.	<i>Understanding the common addition/subtraction algorithm</i> In Class: 3K	Section 3.3 Outcome 10
9/25 Wed.	<i>Meaning of multiplication</i> In Class: Multiplication Word Problems	Section 4.1 Outcome 11
9/26 Thur.	<i>Properties of multiplication</i> In Class: Properties of Multiplication	Section 4.3, 4.4 Outcome 11, 12
9/27 Fri.	<i>Multiplying by ten, more properties</i> In Class: 4D, Yoruba Multiplication	Section 4.2, 4.4 Outcome 11, 12
9/30 Mon.	<i>Writing stories, properties mental math</i> In Class: Mental Math with Multiplication; write stories	Section 4.5 Outcome 11, 12
10/1 Tues.	<i>Why the standard multiplication algorithm works</i> In Class: 4Q	Section 4.6 Outcome 13
10/2 Wed.	<i>Intro to multiplication of fractions</i> In Class: Multiplication Stories with Fractions	Section 5.1 Outcome 14
10/3 Thur.	<i>Continued work: multiplication of fractions</i> In Class: Multiplication Stories with Fractions	Section 5.1 Outcome 14
10/4 Fri.	<i>Drawing it all together – Multiplication with fractions</i>	Section 5.1 Outcome 15
10/7 Mon.	<i>When do we multiply fractions?</i> In Class: 5E, Summary of recent work	Section 5.1 Outcome 14, 15
10/8 Tues.	<i>Multiplying mixed numbers; Decimal multiplication</i> In Class: Decimal Multiplication	Section 5.2 Outcome 11, 12, 13
10/9 Wed.	<i>Meaning of division</i> In Class: Division Word Problems	Section 6.1 Outcome 16
	<i>Oct 10 – 11: break!</i>	

10/14 Mon.	<i>Dividing without a calculator or long division</i> In Class: 6G, More Mental Math	Section 6.1 Outcome 16
10/15 Tues.	<i>Dividing decimals</i> In Class: Understanding Decimal Division	Section 6.6 Outcome 16
10/16 Wed.	<i>Peer Review Day</i>	
10/17 Thur.	<i>Reflection day – Review for exam</i>	
10/18 Fri.	Timed Assessment #2 (Online) Outcomes 8-15	
10/21 Mon.	<i>Dealing with remainder; Reasoning about division</i> In Class: Reasoning about Division	Section 6.2 Outcome 16
10/22 Tues.	<i>Dividing with zero</i> In Class: 6C	Section 6.1 Outcome 16
10/23 Wed.	<i>Understanding long division (“how many in each group?”)</i> In Class: 6H, 6J	Section 6.3 Outcome 17
10/24 Thur.	<i>Connecting Fractions and Decimals</i> In Class: Fractions and Decimals	(Section 8.6) Outcome 23, 24
10/25 Fri.	<i>Connecting Fractions and Decimals</i> In Class: Fractions and Decimals	Section 8.6 Outcome 23, 24
10/28 Mon.	<i>Understanding fraction division (“how many groups?”)</i> In Class: 6M #1, 3, 5	Section 6.4 Outcome 18
10/29 Tues.	<i>Understanding fraction division (“how many in one group?”)</i> In Class: 6R #1, 3, 5, [6N if time]	Section 6.5 Outcome 18, 19
10/30 Wed.	<i>Reflection day – Recognizing the correct operation in stories</i> In Class: What Operation Would You Use?	
10/31 Thur.	<i>Ratio and proportion</i> In Class: A Punch Problem	Section 7.1 Outcome 20
11/1 Fri.	<i>Solving problems using ratio tables and strip diagrams</i> In Class: A Paint Problem	(Section 7.2) Outcome 21
11/4 Mon.	<i>Ratio problem solving with fractions</i> In Class: A Day at the Park	Section 7.2 Outcome 21
11/5 Tues.	Asynchronous day <i>Peer Review Day</i>	
11/6 Wed.	<i>Solving proportions with multiplication and division (“going through 1”)</i> In Class: More Ratios!	(Section 7.3) Outcome 21, 22

11/7 Thur.	<i>Reflection day – Review for exam</i>	
11/8 Fri.	Timed Assessment #3 (Online) Outcomes 16 – 19, 23 – 24	
11/11 Mon.	<i>Veteran’s Day – No class</i>	
11/12 Tues.	<i>Solving proportions by cross-multiplying fractions</i> In Class: 7I	Section 7.3 Outcome 21, 22
11/13 Wed.	<i>Percent Increase and Decrease</i> In Class: Percent Increase and Decrease	Section 7.6 Outcome 25
11/14 Thur.	<i>Discussion of integers; Addition of integers</i> In Class: Where Have the Integers Been?	Ximera Reading Outcome 26
11/15 Fri.	<i>Subtraction of negative integers</i> In Class: Integers and Subtraction	Ximera Reading Outcome 26
11/18 Mon.	<i>Multiplication of negative integers</i> In Class: Our Problems are Multiplying	Ximera Reading Outcome 26
11/19 Tues.	<i>Factors, Multiples, Odd, and Even</i> In Class: Starting Point, 8E	Section 8.2 Outcome 27
11/20 Wed.	<i>Factors and divisibility (divisibility testing)</i> In Class: 8G	Section 8.3 Outcome 27
11/21 Thur.	<i>Factors from the prime factorization</i> In Class: Prime Time	Section 8.4 Outcome 27
11/22 Fri.	<i>Factors and multiples in school</i> In Class: Count With Me	Section 8.5 Outcome 27
11/25 Mon.	<i>Factors and Multiples in Common</i> In Class: Common Time	Section 8.5 Outcome 27
11/26 Tue.	<i>Expressions</i> In Class: Writing Formulas	Section 9.1, 9.2 Outcome 28
11/27 Wed.	<i>November 27 – 29: Thanksgiving Break!</i>	
12/2 Mon.	<i>Solving Equations</i> In Class: 9I, 9J	Section 9.3 Outcome 28
12/3 Tue.	<i>Solving Equations with strip diagrams</i> In Class: 9L	Section 9.4 Outcome 28
12/4 Wed.	<i>Last Class</i> In Class: Review	Portfolios Due!
12/5 Thur.	<i>Study day for Finals Week – no more classes!</i>	
12/6 Fri.	<i>Exam Week –</i> Timed Assessment #4 (Online): Outcomes 20-22, 25-28	

