

**Math 020 Arithmetic Fundamentals (CRN # 20272 ; Fall 2009 MW 11:30-12:55 Class)**

Text: Essential Mathematics, 7<sup>th</sup> edition (Barker & Aufmann)

1<sup>st</sup> Assignment Sheet

R. Everest

<b>Class Date</b>	<b>Section(s)</b>	<b>Problems</b>	<b>Topic</b>
Mon 8/31	n/a	Introduction//Syllabus Flash Cards Work	n/a
Wed 9/2	1.1 : A - D	1.1 : 1-17 [A] ; 19-49 [O] ; 52-54 [A]	Introduction to Whole Numbers
Mon 9/7		<b>LABOR DAY HOLIDAY</b>	Wow ... a holiday so soon? ENJOY!
Weds 9/9	1.2 : A & B 1.3 : A - C	1.2 : 1-73 [O] ; 74 , 75 , 80-83 [A] ; 85 1.3 : 3-105 [m3] ; 40 ; 108-118 [E] ; 119	Addition & Subtraction of Whole Numbers
Mon 9/14	1.4 : A – C 1.5 : A – D	1.4 : 1-47 [O] ; 48-96 [m3] ; 97-109 [O] 1.5 : 1-57 [O] ; 60-102 [m3] ; 104-120 [A] (but skip 108 & 115) ; 123	Multiplication & Division & Application of Division of Whole Numbers
Weds 9/16	1.6 : A & B	1.6 : 1-29 [O] ; 30-75 [m3] ; 77 , 78	Exponential Notation and Order of Operation
<b>Mon 9/21</b>	Ch. 1 Review & <b>1.1 – 1.5 Qz.</b>	<b>1.1 – 1.5 Quiz (in-class)</b>  <i>Today, 9/21/09 , is the “No Record” Deadline</i>	Ch. 1 Review & <b>1.1 – 1.5 Quiz (in-class)</b>
Weds 9/23	1.7 : A & B	1.7 : 1-87 [O] ; 88	Prime Numbers and Factoring
Mon 9/28	2.1 : A & B	2.1 : 1-33 [O] ; 70 , 71 & 35-51 [O] ; 72 (only the first question asked) , 73	The Least Common Multiple (LCM) & The Greatest Common Factor (GCF)
Weds 9/30	2.2 : A & B	2.2 : 1-14 [A] ; 15-75 [O]	Introduction to Fractions
	MT#1 Rvw.  Chs. 1 & 2 Tests	MT#1 Review [NOT ASSIGNED : JUST STRONGLY SUGGESTED] Ch. 1 Test (pp. 61-62) : 1-25 [A] ( <i>homework</i> ) Ch. 2 Test (pp. 121-122) : 5 , 10 , 12 & 21 ( <i>homework</i> )	MT#1 Review
<b>Mon 10/5</b>	<b>MT#1</b>	<b>Midterm #1</b>	<b>Sections 1.1 – 2.2</b>

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2<sup>nd</sup> Assignment Sheet

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<b>Class Date</b>	<b>Section(s)</b>	<b>Problems</b>	<b>Topic</b>
<b>Mon 10/5</b>	<b>MT#1</b>	<b>Midterm #1</b>	<b>Sections 1.1 – 2.2</b>
Weds 10/7	2.3 : A & B	2.3 : 1-75 [O] ; 76-78 [A] ; 79 (only part “a”)	Equivalent Fractions
Mon 10/12	2.4 : A - D	2.4 : 1-43 [O] ; 45-90 [m3] ; 91-93 [A] ; 96 , 100	Addition of Fractions and Mixed Numbers
Weds 10/14	2.5 : A - D	2.5 : 1-67[O] ; 68-70 [A] ; 72 , 74 , 75 , 77 , 78 , 80 ; [XC] 79[XC]]	Subtraction of Fractions and Mixed Numbers
<b>Mon 10/19</b>	<b>2.4 – 2.5 Qz.</b> 2.6 : A & B 2.8 : pt. of B	<b>Addition &amp; Subtraction of Fractions Quiz</b> 2.6 : 1-19[O] ; 21-42 [m3] ; 43-61 [O] ; 63-81 [m3] ; 83-87 [O] 2.8 : 13-19 [A]	<b>2.4 – 2.5 Quiz (in-class)</b> Multiplication of Fractions and Mixed Numbers & Fractions Involving Exponents
Weds 10/21	2.6 : C 2.7 : A & B	2.6 : 89-94 [A] ; 96 , 100 ; 102-105 [A] 2.7 : 1-35 [O] ; 39-84 [m3] ; 72 , 76	Multiplication & Division of Fractions and Mixed Numbers
<b>Mon 10/26</b>	2.7 : C & <b>2.6 – 2.7 Qz.</b> & 2.8 : A	2.7 : 86-100 [A] (but skip 92 & 95) <b>Multiplication &amp; Division of Fractions Quiz</b> 2.8 : 1-12 [A]  <i>Today, 10/26/09, is the “W” Deadline</i>	Division of Fractions and Mixed Numbers & <b>2.6 – 2.7 Quiz (in-class)</b> & Ordering of Fractions
	MT#2 Rvw. Ch. 2 Test	MT#2 Review [NOT ASSIGNED : JUST STRONGLY SUGGESTED] Ch. 2 Test (pp. 121-122) : 1-25 [A] ( <i>homework</i> )	MT#2 Review
<b>Weds 10/28</b>	<b>MT#2</b>	<b>Midterm #2</b>	<b>Sections 2.1 – 2.8.A</b>
Mon 11/2	3.1 : A & B 3.2 : A & B	3.1 : 1-19 [O] ; 21-30 [m3] ; 33-57 [O] ; 58 3.2 : 1-21 [O] ; 22-27 [A] ; 31	Introduction to Decimals & Addition of Decimals
Weds 11/4	3.3 : A & B 3.4 : A & B	3.3 : 1-15 [O] ; 18-30 [m3] ; 32-40 [A] (but skip 38) 3.4 : 3-84 [m3] ; 87-103 [O] ; 105-120 [m3] (Use Front-end Estimation [as explained in	Subtraction & Multiplication of Decimals & Front-end Estimation

		class] for these); 122 ; 124-128 [A] ; 130 , 135	
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3<sup>rd</sup> Assignment Sheet

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Mon 11/9	3.5 : A - C	3.5 : 1-65 [O] ; 66-84 [m3] ; 85-95 [O] (Use Front-end Estimation [as explained in class] for these) ; 97 , 99-101 [A] ; 105 , 109 , 116 , 117	Division of Decimals
<b>Weds. 11/11</b>	<b>3.2 – 3.5 Qz.</b> 3.6 : A - C	<b>Addition/Subtraction/Multiplication/Division Decimals Qz.</b> 3.6 : 1-39 [O] ; 42-69 [m3] ; 73 , 74	<b>3.2 – 3.5 Quiz (in-class)</b> Comparing and Converting Fractions and Decimals
Mon 11/16	4.1 : A & B 4.2 : A	4.1 : 1-23 [O] ; 25-28 [A] ; 30 ; 32-36 [A] ; 38 4.2 : 1-10 [A]	Ratios & Rates
Weds. 11/18	4.2 : B & C 4.3 : A	4.2 : 11-23 [O] ; 25-28 [A] ; 30 , 31 , 33 , 34 4.3 : 1-23 [O]	Rates & Proportions
Mon. 11/23	4.3 : B & C	4.3 : 25-41 [O] ; 42-54 [m3] ; 55-71 [O] ; 56 , 64	Proportions
	#3 Rvw. Chs. 3 & 4 Tests	MT#3 Review [NOT ASSIGNED : JUST STRONGLY SUGGESTED] Ch. 3 Test (pp. 169-170) : 1-20 [A] ( <i>homework</i> ) Ch. 4 Test (pp. 197-198) : 1-20 [A] ( <i>homework</i> )	MT#3 Review
<b>Weds. 11/25</b>	<b>MT#3</b>	<b>Midterm #3</b>	<b>Sections 3.1 – 4.3 (All of Chapters 3 &amp; 4)</b>
Mon. 11/30	5.1 : A & B 5.2 : A & B	5.1 : 1-75 [O] ; 76-81 [A] 5.2 : 1-27 [O] ; 29-36 [A]	Introduction To Percents  Percent Equations (Pt. 1 : Finding the Amount)
Weds. 12/2	5.3 : A & B	5.3 : 1-25 [O] ; 27-37 [A]	Percent Equations (Pt. 2 : Finding the Percent)
Mon 12/7	5.4 : A & B	5.4 : 1-25 [O] ; 28 , 29 , 31 , 32 , 33 , 36	Percent Equations (Pt. 3 : Finding the Base)
Weds	Final Exam	REVIEW FOR FINAL EXAM	Final Exam Review

12/9	Rvw.		
<b>Weds. 12/16</b>	<b>Chs. 1-5 Cumulative Final Exam</b>	<b>(CRN # 20272 Fall 2009 MW Math 020) FINAL EXAM Wednesday, December 16, 2009, 10:30 am - 12:30 pm</b>	<b>Chapters 1-5 (Cumulative Exam)</b>